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A Garden for Every Home

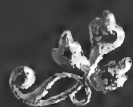
PATENT NO. 144,012, JUNE 21, 1921

SPRING
1938

JAN 3 1938

*F*LOWERS
and
VEGETABLES

*"The Unusual and
the Universal"*



MULLER-SEALEY CO.
INC.

Horticultural Specialists

145 West 45th St.

NEW YORK CITY



THE UNIVERSITY OF CHICAGO



1939

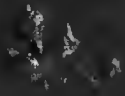
1938

LOWERS

and

VEGETABLES

the University of Chicago
the University of Chicago



MILLER BERRY CO

1000 North Dearborn Street

CHICAGO, ILL.

NEW YORK CITY



Spring, 1938

Flowers
AND
Vegetables

and

*"The Unusual
and the
Universal"*

MULLER-SEALEY CO.

INCORPORATED

Horticultural Specialists

145 West 45th Street
NEW YORK CITY

Phone, BRyant 9-8890



For
Cymbidium
pauwelsi
Mass. Hort.
Society
April 6, 1921



For
Coronilla
coronata
1924



For
Collection New
Darwin Tulips
March 16-21,
1931



For
Trade Exhibit
of Azaleas
1925



For Display Narcissus
March 19-24, 1934
(204 varieties)



For Collection Choice Narcissi
March 20-25, 1933
(200 varieties)



MULLER-SEALEY Co., Inc.

OFFICE:
145 West 45th Street
New York, N. Y.

WAREHOUSE:
195 Montgomery Street
Jersey City, N. J.

January 1, 1938.

TRUST means "to expect, with confidence," says the Standard Dictionary. You can't see "trust." You can't handle it, you can't weigh it or measure it, yet it is the most valuable ingredient in any commercial transaction. It carries no price tag, yet the MULLER-SEALEY business could not survive without it.

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For a fifth of a century we have been serving a clientele which will tolerate only top quality, maintained by eternal vigilance, based on thirty-six years practical experience to which every member of this organization can point with pardonable pride.

Mindful that the loyalty, respect and patronage of the garden lover is the very foundation of our business, we present this, our 20th annual catalog. And we renew our invitation to you to freely consult us on any phase of your garden problems.

Regardless of the size of your order, do not hesitate to avail yourself of MULLER-SEALEY super-merchandise and super-service, for our interest is not in proportion to the immediate profit. Good will alone is the controlling factor in all our transactions.

If convenient, we invite you to visit our Jersey City warehouse, where you will receive a most cordial welcome, or drop in at our centrally located office, 145 West 45th Street, if you desire to place your orders in person.

Should you prefer to order by mail, the same meticulous attention will be accorded your every request.

MULLER-SEALEY Co., Inc.

Joseph A. Muller
Frank G. Sealey
John Morrison
Jas. W. Stirling

Business Terms: Prices quoted in this catalog are net, 30 days. All goods are offered, subject to being unsold on receipt of order, and **we reserve the right to change prices, if current conditions require it.**

We deliver free by Parcel Post or Express all orders for Vegetable and Flower Seeds when cash accompanies the order.

All goods travel at purchaser's risk after they are in the hands of any common carrier.

Orders from unknown parties must be accompanied by cash or satisfactory references.

Claims must be made on receipt of goods, otherwise they will not be considered.

Packing charges will be made on all plant shipments and on other shipments requiring special attention.

NON-WARRANTY

While we take all possible care to send out only such goods that under proper conditions produce satisfactory results, we still give no warranty as to description, quality or productiveness of any seeds, bulbs or plants we send out and will not be in any way responsible for the crop. All orders for articles named in this catalog will be executed on these conditions only.

For years it has been our privilege to supply many of the leading estates with their plant requirements and we ask your consideration when in the market for plants, either for greenhouse or outdoor use.

We have *Practical Plantsmen* in our organization, and it will always be considered a privilege to quote on your needs. Rare and unusual subjects are a specialty with us.

Your inquiries are respectfully solicited.

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FLOWER SEEDS

Novelties for 1938

NEW ANTIRRHINUM "Rumson Hill"

This new Snapdragon has the unique advantage of being practically everblooming. Seed sown in the greenhouse in June will start flowering early in September, producing a continuous succession of first-class blooms until June.

The color is a soft rose-pink, and the florets are evenly spaced on wiry stems averaging from 2 to 3 feet and require no disbudding. While it is not an exhibition variety, its qualities as a persistent bloomer and graceful habit render it particularly adaptable for bouquets, vases, and general indoor decoration. **Pkt. \$1.50.**

CHRYSANTHEMUM "Golden Crown"

It has the robust constitution of the Coronarium varieties, making vigorous, well branched plants 3-4 feet in height. The bright, double yellow flowers are produced so freely that one plant will carry as many as 50 to 60 blooms. (Hardy Annual.) **Pkt. 50c.**

DIANTHUS, "New Blue"

The color is a bright lavender blue, the foliage is deep green and the flowers are in trusses about 9 inches high. Flowers in July, August, and September. (Perennial.) **Pkt. 75c.**

RUSSELL LUPINES

This new strain of perennial Lupins is the most outstanding introduction for many years, and has caused a sensation in horticultural circles. The long, closely furnished spikes flower in a great variety of rich colors—crimsons, scarlets, oranges, yellows, pinks, sky-blues and brilliant bi-colors.

The plants are hardy, unusually vigorous and floriferous, carrying their long, erect spikes clear above the foliage. Awarded a Gold Medal at the R. H. S. meeting, June, 1937. **12 seeds 25c., 50 seeds 65c., 250 seeds \$2.50.**

MICHAUXIA CAMPANULOIDES Improved

This little-known plant is worthy of a place in every garden. The flowers are of waxy whiteness and resemble in form that attractive plant "Gloriosa Superba." The bushy, well-branched plants produce freely a large number of flowers. (Hardy Biennial.) **Pkt. 50c.**



NOLANA LANCEOLATA, Improved "Blue Ensign"

This is a form of the Chilean Bellflower which was brought over from South America several years ago and has since been converted by careful cultivation into a much superior plant. It can be effectively grown either under glass or in the open ground. In pots it will grow 12 to 15 inches high, or when put outdoors it spreads a little and throws up its lovely large, ultramarine-blue flowers on stems 5 or 6 inches high. In shape these strongly resemble an Ipomoea and their beauty is much enhanced by the large, pure white center which has a charming effect. Seed should be sown in Spring and the plants put out about the end of April, or it may be sown outdoors in May where the plants are to bloom. (Annual). **Pkt. 50c.**

PANSY, "Coronation Gold"

This new giant golden Pansy is of special merit, the flowers are large and of fine texture, the plants are free blooming but compact. The color is a pleasing shade of pure deep yellow, suffused golden orange and without eye. Award of Merit. **Pkt. 50c.**

PRIMULA STELLATA "Samuel Ryder"

The unfolding buds are a bright orange-scarlet, yet the open flowers disclose a shade of pure orange-salmon with a canary-yellow eye. The individual blooms are larger and more fringed than the ordinary "Stellatas." **Pkt. \$1.00.**

SALVIA, "New Dwarf Gem"

This new Salvia is of compact habit, not exceeding 6 to 8 inches in height. It is very early, free flowering, and produces numerous spikes of flowers 4 to 5 inches long of the most vivid scarlet color. Excellent for bedding purposes and for borders. **Pkt. 50c.**

NEW SCABIOSA "Annual Orchid Shades"

Lovely and exquisite beyond description, the colors run through all the tones of the Cattleya Orchid. Soft Mother-of-pearl Pink, Rich Mauves, crushed Strawberry, and the shades known as Orchid and Royal Purple. The flowers are large on long stems and have a delicious, honeylike perfume. $\frac{1}{8}$ oz. **\$1.00, pkt. 25c.**

TITHONIA SPECIOSA GRANDIFLORA "Fireball"

A very brilliant shade of scarlet orange, with a clear yellow center. The flowers are single and measure $4\frac{1}{2}$ to 5 inches in diameter, and are carried on long stems. The plants are very tall, some reaching a height of 8 or 9 feet. "Fireball" is undoubtedly the last word in brilliancy of color in a Fall-blooming plant. (Half-hardy Annual). **Pkt. 25c.**



Recent Novelties and Specialties

AQUILEGIA CLEMATIFLORA

A unique strain of Aquilegia with large, open spurless flowers somewhat resembling Clematis. The plants are of medium height, compact, and free flowering. The color range includes pastel shades of pink and blue. (Hardy Perennial.)

Choice Mixed. Pkt. 50c.

CANTERBURY-BELLS Dwarf Bedding

This type grows about 20 inches in height, forming bushes over 3 feet in circumference. It is very floriferous, the plants often bearing 100 to 150 flowers. The colors that have so far appeared are various shades of blue, mauve, and white. (Hardy Biennial.)

Choice Mixed. Pkt. 25c.

ANNUAL CANTERBURY-BELLS

If seeds are sown in gentle heat during February and March, and the seedlings planted out in the garden as soon as danger of frost has passed, the plants will bloom in September.

Angelus Bell. Deep rose.

Liberty Bell. Deep violet blue.

Mission Bell. Clear pink.

Wedding Bell. Pure white.

Choice Mixed.

Any of the above, pkt. 25c.

HEWITT'S SUPER DELPHINIUMS

Hewitt's Delphinium Seed is the finest obtainable, selected from the best types, carefully ripened and reselected before being sent out. The varieties we offer are the cream of modern Delphiniums. (Hardy Perennial.)

Advancement. Pale blue guard petals with inner petals glistening pink. **Pkt. \$3.00.**

Anne Hathaway. Rich blue with white eye. **Pkt. \$2.00.**

Arden. Guard petals sky blue, inner petals rosy mauve. **Pkt. \$2.00.**

Duchess of York. Blue, suffused violet, semi-double, with black eye. **Pkt. \$2.00.**

Monarch of Wales. Deep blue and mauve. **Pkt. \$2.00.**

Pompadour. Brilliant blue, perfectly formed semi-double flowers; a grand variety. **Pkt. \$3.00.**

Tom Hewitt. Glorious rich blue with black eye. **Pkt. \$3.00.**

Warwick. Deep purplish blue, semi-double waved flowers. **Pkt. \$2.00.**

Will Shakespeare. Semi-double flowers of medium blue, shaded rosy mauve. **Pkt. \$2.00.**

For other varieties, see pages 20 and 38.

ESCHSCHOLTZIA "Cherry Ripe"

Large-flowered, of semi-double form. The cup of the flower is deep bright cerise suffused terra cotta at the base. The beauty of the outside of the petals is enhanced by a "plum" sheen. The blending of terra cotta and cerise coloring in the cup makes a bed of Cherry Ripe a most vivid picture. (Hardy Annual.) **Pkt. 50c.**

ESCHSCHOLTZIA "Monarch Art Shades"

A compact strain of large flowering Eschscholtzias and entirely distinct from all other types. The blooms are large, semi-double, and of exquisite formation. The colors range through light rose to deep rose and carmine, and from deep golden yellow through all the various tones to orange and scarlet. (Hardy Annual.)

Choice Mixed. Pkt. 25c.

LARKSPUR "Giant Imperial"

Tall, upright, compact, basal branching in habit, the Giant Imperials have superseded all other types of Larkspurs for florists and general garden use. The Delphiniumlike spikes of double flowers carried on stems 4-5 feet are compactly placed on the upright growing plants. (Hardy Annual.)

White King. Pure glistening white. **Pkt. 25c.**

Coral King. Blush pink, with a strong suffusion of coral. **Pkt. 25c.**

Gloria Improved. Deep rose on salmon. **Pkt. 25c.**

LEPTOSYNE "Golden Rosette"

This double form of *Leptosyne stillmani* is sure of a welcome from all amateur and professional flower growers. It is of easy culture and will succeed anywhere. The flowers are of perfect rosette form, the color is bright butter yellow and the flowers produced in great profusion. (Half-hardy Annual.) **Pkt. 50c.**

MARIGOLD

New Outstanding Varieties

Collarette, Crown of Gold. An entirely new type of Marigold. The crown or top part of the flower resembles a Chrysanthemum in formation and is made up of long disc petals that beautifully interlace. The crown and the collar-ette of big, broad petals which surround it are of bright pleasing shade of clear golden orange. Flowers are slightly sweet-scented and the foliage is entirely free of the usual Marigold odor. Plants grow about 2 feet, bloom early and are very floriferous. (Hardy Annual). **Pkt. 25c.**

Dixie Sunshine. The tall, bushy plants of this charming variety are literally smothered with large, ball-shaped, brilliant golden yellow, double flowers daintily fringed. (Hardy Annual). **Pkt. 25c., ¼ oz. \$1.25.**

Harmony. A charming and distinct variety of Dwarf French Marigold, flowers of Scabiouslike formation, deep orange crest with maroon collar. **Pkt. 25c., ¼ oz. \$1.25.**

Sunset Giants. The most remarkable feature is the delicate sweet fragrance of the blossoms. The stems are long and the flowers excellent shippers and range from deep orange to a delightful shade of primrose. Height 3½ to 4 ft. (Hardy Annual). **Pkt. 25c.**

Yellow Supreme. A large bloom of delicately mild honey fragrance, with broad, loose, frilled petals of a rich, creamy lemon-yellow. Holds freshness fully a week to 10 days when cut. Plants are remarkably healthy, vigorous and free branching with foliage which is practically free from that objectionable Marigold odor. Height 2-2½ ft. (Hardy Annual.) **Pkt. 20c., ¼ oz. 75c.**

For other varieties, see page 24

NIGELLA "Dragonfly"

This is quite distinct from the Miss Jekyll type. The flower is single, with thick, fleshy petals and a strong, sturdy stem. It grows from 15-16 inches in height, branches well, and makes a bigger plant than the Jekyll variety. The color is deep dark blue, and there is a delightful sheen on the flower which enhances its richness. (Hardy Annual.) **Pkt. 50c.**

PETUNIA GRANDIFLORA "Dainty Lady"

A new single fringed yellow *Petunia* which has occasioned favorable comment wherever exhibited. The flowers are of medium size and daintily fringed, and the color is light yellow, deepening to golden yellow at the throat. The plants are neat, compact and somewhat upright in habit. Semi-dwarf and very free flowering. (Half-hardy Annual.) **Pkt. \$1.00.**



PETUNIA PARVIFLORA

A creeping or trailing plant quite distinct from any of the hybrid Petunias, and especially valuable for the Rock Garden. It produces lilac pink blooms about one-fourth of an inch in diameter, the foliage forms a light green mat about 18 inches in diameter, and usually less than 3 inches high. (Hardy Annual.) **Pkt. 25c.**

PHLOX DRUMMONDI GIGANTEA "Art Shades"

This new strain of Phlox drummondi has flowers an inch and a quarter to an inch and a half in diameter. In addition to its enormous flowers it has a most wonderful range of color in soft art shades. The soft colors blended together make a most beautiful mixture and a color combination never before seen in annual Phlox. There is a complete absence of harsh colors in this wonderful mixture and should appeal to those who are looking for soft color effects in their gardens. Plants grow about 9 inches high. (Hardy Annual.) **Pkt. 25c.**

POLYANTHUS "Giant Bouquet"

A magnificent development of this old garden favorite, the flowers being of exceptional size, often 2 inches across. They are produced in great numbers and display an immense variety of coloring, from white to cream, yellow, scarlet, purple and crimson. Borne on long stems, they are excellent for cutting, as well as making a splendid show in the garden. (Hardy Perennial.) **Choice Mixed. Pkt. 50c.**

POLYANTHUS PRIMROSE "Spetchley Strain"

A lovely strain of Giant-flowered Polyanthus Primroses. The plants are of strong, robust, dwarf growth and the flowers of immense size, ranging through a great variety of beautiful colors and art shades. (Hardy Perennial.) **Pkt. 50c.**

SCABIOSA "FISCHERI"

A fine border plant from Manchuria, hardy and truly perennial, growing about 20 inches high, with handsome divided leaves and blooming well into the Autumn. The flowers are about 2½ inches in diameter, borne on long, stiff stems, and are of a rich, deep violet blue shade unlike any other Scabiosa. (Hardy Perennial.) **Pkt. 25c.**

SCABIOSA GRANDIFLORA "Rosette"

A beautiful deep shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems long and stiff. This glorious new color will undoubtedly make Rosette a most popular flower for the garden. (Hardy Annual.) **Pkt. 25c.**

URSINIA ANETHOIDES "Sunstar"

This is a vast improvement on the Ursinia anethoides, the flowers being much larger, often measuring 2½ inches across and of a richer shade of color. It may be best described as a vivid golden orange, the beauty of which is enhanced by a zone of bright chestnut red in the center of the flower. (Half-hardy Annual.) **Pkt. 50c.**

VISCARIA "Blue Pearl"

The color, pure lavender blue, is outstanding and differs from the other blue Viscarias to a degree which makes it absolutely distinct. The lack of that "eye" which is a common character of most sorts adds considerably to its distinction. (Hardy Annual.) **Pkt. 50c.**

FLOWER SEEDS

Seeds of Stove and Greenhouse Plants

	Pkt.
ABUTILON (Chinese Bellflower). Valuable perennials for greenhouse decoration. Choice hybrids.....	\$0.25
ACACIA baileyana . Long sprays of yellow flowers....	.25
AGATHAEA coelestis (Blue Marguerite). Pretty blue Daisylike flowers; makes an excellent pot plant. 18 in.	.25
ANGELONIA . Pretty greenhouse perennial, with numerous flowers carried on graceful sprays.	
grandiflora . Lilac.....	.25
grandiflora alba . White.....	.25
ANTIRRHINUM (Snapdragon).	
Greenhouse Varieties:	
Afterglow . Golden bronze.....	1.00
Bertha Baur . Clear orchid lavender.....	1.50
Ceylon Court Yellow . Beautiful canary yellow..	1.00
Cheviot Maid . Clear pink, very early.....	1.00
Feltham Beauty . Deep rose pink with white center.	.50
Geneva Pink . Glistening rose pink.....	1.00
Happiness . Clear pink, large flowers.....	1.00
Helen . Beautiful salmon.....	1.00
Jennie Schneider . Beautiful pink Columbia rose color.....	1.00
Lucky Strike . Best pure white.....	1.50
Nelrose . Rich coral pink..... $\frac{1}{8}$ oz. 75c.,	.25
Orlando . Bronze.....	1.00
Roman Gold . Golden yellow, suffused pink.....	1.00
Sunset . Golden copper, bronze lip.....	1.50
Sunburst . Yellow, tinged with bronze copper....	1.00
Sun Tan . Orange tan, extra early.....	1.00
White Rock . Pure white.....	1.00
For other varieties, see page 14	
ARALIA sieboldi . Elegant greenhouse shrub.....	.25
ASPARAGUS plumosus nanus . Slender, fern-like foliage.....	100 seeds \$1.00, .25
sprengeri . Drooping variety.....	100 seeds 50c., .15
CALCEOLARIA, James' Prize . Saved from the finest flowers only, containing a rich and varied collection of beautifully blotched and self-colored flowers....	1.00
Clibrani . Golden-yellow, very free flowering.....	.75
Albert Kent Hybrids . This fine Calceolaria bears immense trusses of bloom in 10 to 12 varied colorings.	.75
CELSIA arcturus . Clear yellow flowers, with purple anthers. Height 18 in.....	.50
CINERARIA HYBRIDA, James' Prize . A superb strain, noted for its compact, free flowering habit and variety of colors.....	1.00
hybrida multiflora nana . Produces dwarf plants with masses of small flowers in compact heads, over small and dainty foliage. Choice mixed.....	1.00
multiflora grandiflora maxima . The blooms measure 2-3 in. in diameter and the plant grows 12-16 in. high above the pot. We offer it in the following colors: White, Salmon Rose, Fiery Crimson, Cornflower Blue, Light Rose, Choice Mixed.	
Any of the above colors.....	1.00
Cremer's Prize . Large flowers in a wide range of lovely colors. Plants resistant to wilt.....	1.50
stellata (Star Cineraria). Blue.....	1.00
stellata . Salmon pink.....	1.00
stellata . White.....	1.00
stellata . Choice mixed.....	1.00
CLERODENDRON fallax . A handsome stove plant with brilliant scarlet flowers.....	1.00
COLEUS . New, large-leaved hybrids.....	.50



Seeds of Stove and Greenhouse Plants

(Continued)

Pkt.

CYCLAMEN. Our Cyclamen seed is grown for us by a leading specialist, and saved from plants of superior bloom and foliage.

Rose of Marienthal. Bright pink....	100 seeds	\$3.00,	\$0.75
Rose of Zehlendorf. Delicate salmon.	100 seeds	3.00,	.75
Glory of Wandsbek. Salmon red....	100 seeds	3.00,	.75
Fisher's Bonfire. Deep brilliant salmon.....	100 seeds	3.00,	.75
Giant Bright Red	100 seeds	3.00,	.75
Giant Dark Red	100 seeds	3.00,	.75
Giant Pure White	100 seeds	3.00,	.75
Choice Mixed	100 seeds	2.50,	.75

DRACAENA indivisa. Long green leaves..... .20

EUCALYPTUS globulus (Blue Gum Tree). Handsome half-hardy perennial, foliage bluish-green..... .20

EXACUM affine. Beautiful greenhouse pot plant, producing sweetly-scented, bright mauve flowers..... .50

atrocaeruleum. Dark lavender flowers with golden stamens..... .50

FRANCOA ramosa. Charming, half-hardy perennial, producing long spikes of pure white flowers..... .25

GERBERA jamesoni Hybrids (Transvaal Daisy). Elegant, star-shaped flowers in a wonderful variety of color, produced on long stems..... .50

GESNERIA hybrids, Mixed. The flowering spikes carry numerous bright, pendulous blooms including white, yellow, salmon, orange, crimson, etc..... 1.00

GLOXINIA. These beautiful plants are exceedingly useful and popular, and are readily raised from seed.

Choice Mixed Colors..... 1.00

GREVILLEA robusta (Silk Oak). Useful ornamental foliage plant, with fern-like foliage..... .25

HUMEA elegans. Long panicles of small, amaranth brown flowers; very fragrant..... .50

IMPATIENS. Charming, tender perennials for the greenhouse or conservatory.

holsti. Orange-scarlet..... .25

holsti Hybrids..... .25

KALANCHOE globulifera coccinea (Blossfeldiana). In shape the flower resembles a Bouvardia, while the color is a brilliant scarlet..... .50

LEUCOCORYNE ixioides odorata. Heads of large, fragrant flowers, blue with white center, carried gracefully on wiry 18 in. stems..... .75

LISIANTHUS russellianus. A fine pot plant with large, bell-shaped flowers of a rich deep lilac, with black center and yellow stamens..... .75

MIGNONETTE, Giant Exhibition. An excellent strain for forcing, producing immense, well-formed spikes. The seed we offer was raised under glass and saved from selected spikes..... 1/8 oz. \$2.00, .50

PRIMULA sinensis fimbriata.

Giant Blue	1.00	Giant Red	1.00
Giant Salmon	1.00	Giant Pink	1.00
Giant White	1.00	Choice Mixed	1.00

stellata (Star Primulas).

Crimson Star	1.00	White Star	1.00
Salmon Pink Star ..	1.00	Choice Mixed	1.00
Blue Star	1.00		

obconica gigantea. A greatly improved form of Primula obconica, the flowers are nearly as large as those of Primula sinensis.

gigantea, Crimson ..	.50	gigantea, Lilac....	.50
gigantea, White....	.50	gigantea, Salmon	
gigantea, Rose....	.50	Queen.....	.50
gigantea, Blue....	.50	Choice Mixed....	.50



Seeds of Stove and Greenhouse Plants (Continued)

PRIMULA—Continued

	Pkt.
malacoides.	
Pink Beauty. Large flowers, a beautiful rosy-pink.	\$0.75
Princess Mary. Flowers very large, of a deep rose pink with yellow eye, borne on wiry stems.....	1.00
Erikssoni. The blooms are much larger than those of any other variety. Choice Mixed	1.50
Snow Queen. Large, pure white flowers.....	.75
Kewensis. Bright yellow, sweet scented flowers.....	.50

RANUNCULUS, Giant-flowered Florentine. Very strong and vigorous in habit, with tall stems of bloom 18 in. to 2 ft. in height, each individual flower measuring 4 to 5 in. in diameter.	
Choice Mixed.....	.25

SAINTPAULIA ionantha. Charming and most useful plant for greenhouse or table decoration. Flowers an intense violet color, the golden anthers standing out in beautiful contrast. Height 6 in.....	.50
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SMILAX. A popular greenhouse climber with small, dark green foliage.....	1/4 oz. 50c., .15
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SOLANUM capsicastrum. Greenhouse shrub with scarlet berries.....	.15
---	-----

STEVIA serrata. Greenhouse perennial with graceful sprays of tiny flowers.....	.20
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EARLY BLOOMING WINTER STOCKS OF NICE.

These Winter-flowering varieties are admirably suited for forcing in the greenhouse, producing long spikes of extremely double flowers.

Almond Blossom. White, shaded carmine.....	1/8 oz. \$1.25, .25
Beauty of Nice. Beautiful flesh pink... ..	1/8 oz. \$1.25, .25
Blood Red	1/8 oz. \$1.25, .25
Light Pink	1/8 oz. \$1.25, .25
Queen Alexandra. Lilac-rose.....	1/8 oz. \$1.25, .25
Light Blue	1/8 oz. \$1.25, .25
Monte Carlo. Pure yellow.....	1/8 oz. \$1.25, .25
Violet	1/8 oz. \$1.25, .25
White Lady. Pure white.....	1/8 oz. \$1.25, .25

EARLY GIANT IMPERIAL STOCKS (Improved Bismarck). A magnificent strain for greenhouse culture during the Winter months, producing a large percentage of double flowers.

Apple Blossom	1/8 oz. \$1.25, .25
Antique Copper	1/8 oz. \$1.25, .25
Buttercup	1/8 oz. \$1.25, .25
Chamoise Rose	1/8 oz. \$1.25, .25
Dark Blue	1/8 oz. \$1.25, .25
Fiery Blood Red	1/8 oz. \$1.25, .25
Flesh Color	1/8 oz. \$1.25, .25
Lavender	1/8 oz. \$1.25, .25
White	1/8 oz. \$1.25, .25

MAMMOTH COLUMN FORCING STOCKS.

This excellent sort produces only one-stalked plants. The flower spikes grow erect and produce up to 20 flowers on one spike.

Pure White, Carmine, Dark Blue, Rose, Light Blue. Each.....	1.00
---	------

For other varieties, see page 28.

STREPTOCARPUS. Charming greenhouse perennials, with clusters of Achimene-like flowers.

Goliath. Large blue; very fine.....	.75
Giant Hybrids Mixed.....	.50

TECOMA smithi. Beautiful greenhouse plant with large heads of orange-colored blossoms.....	.25
---	-----

TRACHELIUM caeruleum. A free growing greenhouse annual, having large, cloud-like heads of pale mauve flowers somewhat resembling Gypsophila...	.25
---	-----



ANNUALS

These play a big part in the great color schemes of brilliant beds and borders in our Summer gardens. Both for garden effect and for cutting their beauty and usefulness is equally valuable.

HARDY ANNUALS. Sow in the open ground where they are intended to bloom. The seeds should be sown thinly and covered with fine soil to a greater or less depth, according to the size of the seed.

HALF-HARDY ANNUALS. The seeds should be sown in pans or frames in the early Spring, and transplanted outdoors in April or May, but previous to removal they should be hardened off by gradually exposing to the open air.

Pkt.

ABRONIA umbellata. Verbena-like, rose-colored flowers of trailing habit, admirably adapted for rock work, although really perennial; is easily grown as a hardy annual. $\frac{1}{4}$ oz. 50c. \$0.15

ACROCLINIUM. One of the most beautiful of the Everlastings. A strong grower, 18 in. high, bears a great number of pink-rose and white Daisy-like flowers, with a yellow center.

Mixed Colors $\frac{1}{4}$ oz. 25c., .10

ADONIS aestivalis. Pretty early blooming annual with deep crimson flowers and feathery foliage. 1 ft. $\frac{1}{4}$ oz. 35c., .15

AGERATUM. Useful bedding plants, effective and showy, continuing long in bloom. Half-hardy annuals.

Blue Perfection. Dark blue, large, 9 in. $\frac{1}{4}$ oz. 50c., .15

Dwarf Blue. 8 in. $\frac{1}{4}$ oz. 50c., .15

Dwarf White. 8 in. $\frac{1}{4}$ oz. 50c., .15

mexicanum. Blue, 24 in. $\frac{1}{4}$ oz. 50c., .15

mexicanum. White, 24 in. $\frac{1}{4}$ oz. 50c., .15

Blue Star. A miniature variety with lavender flowers. 4 in. $\frac{1}{8}$ oz. \$1.00, .25

Swanley Blue. A handsome, large-flowered dwarf variety. 6 in.25

fraseri. Deep amethyst blue, compact habit. $\frac{1}{8}$ oz. \$1.00, .25

Little Silver Star. The plants which are 4 to 5 in. high, measure from 8 to 10 in. across and are thickly covered with silver gray, starlike flowers.25

AGROSTEMMA coeli-rosa. Free flowering hardy annual with bright rose flowers. 18 in. . . $\frac{1}{4}$ oz. 50c. .15

ALONSOA warscewiczii. Showy, half hardy annual. Excellent for conservatory decoration. 15 in. Color tomato red.15

ALYSSUM. Well-known, free flowering hardy annuals with white flowers, suitable for borders.

Benthami (Sweet Alyssum). 12 in. Oz. 50c., .10

Carpet of Snow. Dwarf and compact, desirable for edgings. 4 in. Oz. \$1.00 .15

Little Gem. Free flowering variety, of erect growth. 6 in. Oz. 75c., .10

Lilac Queen. Dwarf and compact. Distinct lilac flowers. $\frac{1}{4}$ oz. 35c., .15

Minimum. Tiny, compact plants, only 2 in. high, covered with small, pure white flowers. $\frac{1}{4}$ oz. 60c., .25

A MARANTHUS. Handsome plants, suitable for pots or borders. Half-hardy annuals.

caudatus (Love-lies-bleeding). Drooping crimson racemes. 3 ft. $\frac{1}{4}$ oz. 35c., .10

Cruentus (Princesfeather). Dark red, feathery flowers. $\frac{1}{4}$ oz. 35c., .10

salicifolius (Fountain Plant). Red and yellow foliage. 3 ft. $\frac{1}{4}$ oz. 50c., .15

tricolor (Josephs-coat). Scarlet, yellow and green foliage. 2 ft. $\frac{1}{4}$ oz. 50c., .15



- Pkt.
- ANAGALLIS.** Free flowering annual, admirably adapted for sunny positions. Choice mixed colors. 6 in. ¼ oz. 40c., \$0.15
- ANCHUSA capensis.** Attractive annual, bearing a profusion of azure blue flowers. 1½ ft. ... ¼ oz. 50c., .15
- Blue Bird.** Grows about 18 in. high, is of compact habit and bears its flowers in a luxuriant bouquet at the top of the plant. The flowers are of a vivid indigo blue. ⅛ oz. 35c., .15
- ANTHEMIS arabicus.** Yellow, Daisylike flowers. Fine for edging. Height 1 ft.25
- ANTIRRHINUM (Snapdragon).**
- Tall Varieties (Height 3 ft.):**
- Giant Pink Beauty.** Fine soft pink... ¼ oz. \$1.00, .25
- Giant Crimson King** ¼ oz. 75c., .20
- Giant White** ¼ oz. 75c., .20
- Giant Yellow** ¼ oz. 75c., .20
- Giant Rose Dore.** Salmon-rose, shaded gold. ¼ oz. \$1.00, .25
- Giant Fairy Queen.** Orange-salmon with white throat. ¼ oz. \$1.00, .25
- Giant Torchlight.** Orange with yellow center. ¼ oz. \$1.00, .25
- Giant Choice Mixed** ¼ oz. 60c., .15
- Intermediate Varieties, 1½ ft.**
- Black Prince.** Deep crimson, dark leaved. ¼ oz. \$1.00, .20
- Queen of the North.** Pure white. ¼ oz. \$1.00, .20
- Golden Queen.** Pure yellow. ¼ oz. \$1.00, .20
- Vesuvius.** Flame color. ¼ oz. \$1.00, .20
- Choice Mixed** ¼ oz. 60c., .15
- Tom Thumb Varieties, 6 to 8 in.:**
- Crimson** ⅛ oz. 75c., .25
- Rose** ⅛ oz. 75c., .25
- White** ⅛ oz. 75c., .25
- Yellow** ⅛ oz. 75c., .25
- Choice Mixed** ⅛ oz. 60c., .20
- RUSTPROOF ANTIRRHINUMS.**
- Alaska.** Pure white, early. Height 3 ft.50
- Campfire.** Pure luminous scarlet with yellow lip. 3½ ft.50
- Canary Bird.** Pure canary yellow. Height 3 ft.50
- Copper Shades.** Height 3 ft.50
- Crimson.** Large flowers on massive spikes. Height 3 ft. .50
- Loveliness.** Pure soft rose pink. Height 3 ft.50
- Pearl.** Glistening white. Height 3 ft.50
- Rustproof Mixed.** A fine range of popular colors... .50
- For Greenhouse varieties, see page 10.**
- ARCTOTIS grandis.** Beautiful Daisy-like flowers, with pure white and lilac petals. Half-hardy annual. 2½ ft. ¼ oz. 75c., .15
- ARTEMISIA sacrorum viridis (Summer Fir).** A graceful foliage plant of rapid growth and pyramidal habit.20
- ASPERULA azurea setosa.** Clusters of fragrant blue flowers, invaluable for bouquets. 12 in. ¼ oz. 50c., .15

ASTERS

Varieties marked with an asterisk (*) are wilt-resistant.

EARLY BEAUTY

An excellent strain of Early Branching Aster coming into bloom in July.

- | | |
|-----------------|----------|
| *Azure Fairy | *Crimson |
| *Light Lavender | *Rose |
| *September Pink | *Purple |
| *White | *Mixed |

Any of the above colors and mixed, each, ¼ oz. \$1.25, pkt. 15c.



ASTERS—Continued

SEMPLE'S GIANT BRANCHING

The latest blooming and tallest of all late flowering Asters.

- | | |
|-------------|----------|
| *Azure Blue | *Crimson |
| *Purple | *Scarlet |
| *Rose | *Pink |
| *White | *Mixed |

Any of the above colors and Mixed, each $\frac{1}{4}$ oz. \$1.25, pkt. 15c.

IMPROVED CREGO

Flowers large and well formed, one of the best varieties for all purposes.

- | | |
|----------|-------------|
| *Crimson | *Light Blue |
| *Purple | *White |
| *Pink | *Mixed |

Any of the above colors, and Mixed, each $\frac{1}{4}$ oz. \$1.25, pkt. 15c.

GIANT COMET

Large flowers with long, wavy twisted petals.

- | | |
|-------------|--------------|
| *Crimson | *Salmon Pink |
| *Dark Blue | *Rose |
| *Light Blue | *White |
| | *Mixed |

Any of the above colors and Mixed, each $\frac{1}{4}$ oz. \$1.25, pkt. 15c.

OSTRICH FEATHER IMPROVED

The flowers are borne on long, stiff stems and are of a fluffy character.

- | | |
|-------------|-------------|
| *Azure Blue | *Crimson |
| *Dark Blue | *Shell Pink |
| *White | *Mixed |

Any of the above colors and mixed, each, $\frac{1}{4}$ oz. \$1.25, pkt. 15c.

IMPROVED GIANT CALIFORNIA SUNSHINE

This fascinating new Aster type is one of the most beautiful varieties yet introduced. The flowers, 4-5 inches across, are composed of a single row of loosely placed outer petals which contrast with the unique yellow quill-like center disc. Stems are long and heavy on plants 2-3 ft. high.

- | | |
|------------------|------------|
| Apple Blossom | Purple |
| Enchantress Pink | White |
| Rose | Light Blue |
| | Mixed |

Any of the above colors and mixed, each, $\frac{1}{8}$ oz. \$1.25, pkt. 25c.

EXTRA EARLY EXPRESS

The earliest blooming Asters. Flowers large and full, of the Comet type.

- | | |
|-----------|------------|
| Dark Blue | Light Blue |
| Rose | White |
| | Mixed |

Any of the above colors, and Mixed, each $\frac{1}{4}$ oz. \$1.25, pkt. 15c.

SUNSHINE ASTER, Improved Anemone-flowered

A distinct and handsome type of Aster. The flowers are semi-double, and have a center cushion of tiny quills of a contrasting color.

- Blue :: Pink :: Old Rose :: White

Any of the above colors, each, $\frac{1}{8}$ oz. \$1.00, pkt. 25c.

Single Asters, Southcote Beauty. A fine race of branching habit; the flowers have long, perfectly formed petals and carried on long, stiff stems.

- | | |
|-------|--------|
| White | Mauve |
| Pink | Purple |

Any of the above colors, each, $\frac{1}{8}$ oz. \$1.25, pkt. 25c.



ASTERS—Continued

ASTER SURPRISE, Salmon Gold

Flowers open a pure salmon-yellow, turning to a salmon-pink shade, measuring from 2¾-3½ inches, carried on long stems. It blooms continuously from July up to late Autumn. Pkt. 35c.

ASTER SUPER GIANT, "Los Angeles"

The color of this Giant Aster is a pure shell pink. The long-stemmed flowers are full petaled, deep, and unusually large, and are artistically graceful in the feathery effect of the interlacing petals. ⅛ oz. \$1.00, pkt. 25c.

ASTERMUM (Wilt-Resistant)

The flowers of this type closely resemble a Japanese Chrysanthemum.

**Lavender
White**

**Rose Pink
Choice Mixed**

Any of the above colors, and Mixed, each, ¼ oz. \$1.25, pkt. 20c.

BALSAM. Beautiful half-hardy annuals, suitable either for pots or planting in borders. 2 ft. Pkt.

- Camellia-flowered, White Perfection**... ¼ oz. 50c., \$0.15
- Camellia-flowered, Salmon Rose**..... ¼ oz. 50c., .15
- Camellia-flowered, Scarlet**..... ¼ oz. 50c., .15
- Camellia-flowered, Malmaison Pink**... ¼ oz. 50c., .15
- Camellia-flowered, Light Pink**..... ¼ oz. 50c., .15
- Camellia-flowered, Lilac**..... ¼ oz. 50c., .15
- Camellia-flowered, Choice Mixed**..... ¼ oz. 40c., .10

BARTONIA aurea. Showy, hardy annuals, having a profusion of golden-yellow flowers. 18 in. ¼ oz. 50c., .15

BEGONIA, Tuberos-Rooted.

- Gold Medal Hybrids.** Single mixed..... 1.00
- Gold Medal Hybrids.** Double mixed..... 1.00
- Fibrous Rooted Varieties.** Extensively used for bedding, flowering profusely throughout the Summer.
- gracilis, Pink**..... .25
- gracilis, Crimson**..... .25
- gracilis, White Pearl**..... .25
- gracilis luminosa.** Deep scarlet..... .25
- semperflorens, Christmas Cheer.** Bright crimson .50
- semperflorens erfordi, Pink.** Rosy carmine flowers with small, glossy, dark green leaves..... .50
- semperflorens, Dwarf Vernon.** Rich red flowers, bronze red foliage..... .25
- semperflorens, Salmon Queen.** Brilliant salmon red, crimson foliage..... .25
- semperflorens, "Rosabella."** The blooms are exceptionally large and of a pure and luminous light pink color. Height 6 in..... 1.00

BRACHYCOME iberidifolia (Swan River Daisy). Neat and free blooming, half-hardy annual with small, Cineraria-like flowers. 9 in.

- Blue**..... ⅛ oz. 35c., .15
- White**..... ⅛ oz. 35c., .15

BROWALLIA. Pretty, half-hardy annual suitable for Summer bedding, also valuable as a greenhouse pot plant. 18 in.

- speciosa major.** A beautiful variety with large, bright violet-blue flowers..... .50
- elata alba.** White..... .25
- elata caerulea.** Bright blue, foliage glossy green... .25
- viscosa, "Sapphire."** The plants of this Browallia are very compact, not more than 9 or 10 in. high and extremely floriferous..... .50

A Garden for Every Home

	Pkt.
CACALIA coccinea (Tasselflower). Hardy annual with bright, orange-scarlet, tassel-like flowers; fine for cutting. 18 in.....	1/4 oz. 50c., \$0.15
CALANDRINIA (Grandiflora). Handsome hardy annual, fleshy leaves and bright rose-colored flowers, especially suitable for sunny situations. 1 1/2 ft....	.15
CALENDULA (Pot-marigold). Valuable hardy annuals producing abundance of showy flowers until cut down by frost. 12 in.	
officinalis fl. pl., Orange King, Improved Strain. An extra fine strain of this splendid Calendula, producing enormous orange flowers perfectly double and beautifully formed.....	Oz. \$1.25, .15
officinalis fl. pl., Lemon Queen. Clear, lemon-yellow.....	Oz. \$1.00, .15
Ball's Orange. Bright orange, fine for forcing....	1/4 oz. 50c., .20
Ball's Gold	1/4 oz. 50c., .20
Apricot Queen. A flat petaled variety of a bright apricot shade deepening slightly towards the center.	1/4 oz. 50c., .20
chrysantha. Remarkable for its great length of stem, and the most striking resemblance the flower bears to a Chrysanthemum. The drooping petals are long and wide, and the color is a clear buttercup yellow..	.25
Orange Shaggy. The closely set petals are long and deeply fringed, giving to the flower the shaggy appearance of Chrysanthemums. The color is a rich orange and the flowers are freely borne on long stems.....	1/4 oz. 75c., .20
Sensation (Campfire). Large, double flowers of rich orange with a scarlet sheen, on long stems.	1/4 oz. 75c., .20
CALLIOPSIS. Well-known, free flowering hardy annuals, producing flowers for a long period.	
drummondii (Golden Wave). Golden yellow, with brown center. 12 in.....	1/4 oz. 50c., .10
tinctoria. Yellow, dark center. 2 ft....	1/4 oz. 50c., .10
atrosanguinea. Deep crimson. 2 ft....	1/4 oz. 50c., .10
The Garnet. Glossy crimson scarlet flowers.....	1/8 oz. 50c., .20
Tom Thumb Crimson King. Rich, dark crimson. 8 in.....	1/4 oz. 50c., .10
Tom Thumb "Dazzler." Rich maroon center, with golden yellow border. 12 in.....	1/8 oz. \$1.00, .25
Choice Mixed	1/4 oz. 40c., .10
CANDYTUFT (Iberis). Showy, free flowering hardy annuals, valuable for cutting.	
Crimson	Oz. \$1.00, .10
Flesh Color	Oz. \$1.00, .10
Lilac	Oz. \$1.00, .10
Rose Cardinal. Rich and striking color...	Oz. \$1.25, .15
Empress. Large white with long flower trusses, extensively used for forcing.....	Oz. \$1.25, .15
Giant Hyacinth-flowered. Immense spikes of pure white flowers.....	Oz. \$1.50, .15
Choice Mixed	Oz. 75c., .10
CELOSIA pyramidalis (Celosia thompsoni magnifica). Very attractive for bedding and make excellent pot plants. 2 ft.	
plumosa aurea. Rich yellow.....	1/4 oz. 50c., .15
plumosa coccinea. Crimson.....	1/4 oz. 50c., .15
Pride of Castle Gould. Choice mixed...	1/8 oz. \$1.00, .25
cristata nana (Cockscomb). Showy annuals, producing large, comb-like flower heads.	
Glasgow Prize. Dark crimson.....	1/8 oz. \$1.00, .25
Golden Yellow	1/8 oz. \$1.00, .25
Rose	1/8 oz. \$1.00, .25
childsi (Chinese Woolflower).	
Crimson	1/8 oz. 50c., .15
Pink	1/8 oz. 50c., .15
Yellow	1/8 oz. 50c., .15



	Pkt.
CENTAUREA cyanus (Cornflower). Useful, free flowering hardy annuals. 2 ft.	
Single Rose	Single Blue
Single White	Single Mixed
Any of the above: Pkt. 10c., oz. 75c.	
Double Rose	Double Blue
Double White	Double Mixed
Any of the above: Pkt. 15c., ¼ oz. 50c.	
Jubilee Gem. Dwarf, bushy plants, about 1ft. high. Double blue flowers, especially suitable for bedding, mass planting, etc. ⅛ oz. 75c., \$0.25	
imperialis (Regal Sweet Sultan). A giant flowering variety, fine for cutting.	
Purple	White
Bright Rose	Choice Mixed
Lilac	
Any of the above: Pkt. 15c., ¼ oz. 50c.	
Various Annual Centaureas	
americana. Large flowers, of a beautiful light lilac	
	¼ oz. 60c., .15
americana alba. White	¼ oz. 75c., .20
suaveolens (Yellow Sweet Sultan). Bright yellow . .	
	¼ oz. 60c., .10
Foliage Varieties	
candidissima. White, broad foliage . . . . .	.20
gymnocarpa. White, narrow foliage . . . . .	.15
CHEIRANTHUS linifolius. Also known as Erysimum linifolium. This charming hardy biennial which can be treated as an annual, is of low spreading habit, with clear, mauve Wallflower-like flowers on compact plants. Excellent for rockeries	
	.25
CHRYSANTHEMUM. Very useful and showy hardy annuals, producing quantities of bloom for a long period.	
Single Varieties	
Evening Star. Rich bright golden-yellow. ¼ oz. 50c.,	.15
Morning Star. Large primrose flowers. ¼ oz. 50c.,	.15
Northern Star. Large white flowers, dark center.	
	¼ oz. 50c., .15
Choice Mixed	Oz. 40c., .10
Double Varieties	
inodorum Bridal Robe. A compact and upright variety with pure white flowers	⅛ oz. 50c., .15
coronarum, Golden Queen	¼ oz. 50c., .10
coronarum, White Pearl	¼ oz. 50c., .10
CINERARIA maritima candidissima. Cultivated for its handsome, silvery white foliage; very ornamental as a decorative pot plant, or for bedding	
	.15
CLARKIA. Handsome, showy annuals deserving extensive cultivation. They flower profusely and are exceedingly bright and attractive, especially in large masses. 1 to 1½ ft.	
Albatross. A splendid, very double, pure white variety, and of a decidedly compact habit. . ¼ oz. 50c.,	.15
Carmine Queen. Bright carmine	¼ oz. 40c., .15
Chamois Queen. Pale chamois	¼ oz. 40c., .15
Copper Scarlet. The compact, double flowers curling inwards, grow on broad, pyramid-shaped bushes about 24 in. high	¼ oz. 50c., .15
Illumination. The ground color is orange, which, mingled with rose and terra cotta, gives a beautiful effect . . . . .	.25
Orange King. Bright orange-scarlet	¼ oz. 50c., .15
Queen Mary. Lovely rose-carmine	¼ oz. 50c., .15
Salmon Queen. Salmon-pink	¼ oz. 50c., .15
Scarlet Queen. Orange-scarlet	¼ oz. 50c., .15



- DELPHINIUM sinense.** (Varieties that bloom first year from seed). Pkt.
- Blue Butterfly.** A charming variety of dwarf habit, having deep gentian blue flowers. 12 in. . ¼ oz. 75c., \$0.15
- Azure Fairy.** Similar in habit to Blue Butterfly, but with flowers of a lovely Cambridge Blue. . ¼ oz. 75c., .15
- Pure White** ¼ oz. 75c., .15
- Cambridge Blue** ¼ oz. 75c., .15
- DIANTHUS.** These beautiful plants, though really hardy biennials, do best when treated as half-hardy annuals. 12 in.
- Single Varieties**
- heddewigi, "The Bride."** White, with rosy-purple eye. ¼ oz. 75c., .15
- heddewigi, Crimson Belle.** Brilliant velvety crimson. ¼ oz. 50c., .15
- heddewigi, Eastern Queen.** Rose-colored flowers, finely striped. ¼ oz. 50c., .15
- heddewigi, Choice Mixed** ¼ oz. 50c., .10
- laciniatus (Fringed) Salmon Queen.** Flowers large, elegantly lacinated and of a lovely salmon-pink shade. ¼ oz. 75c., .15
- laciniatus.** Choice mixed. ¼ oz. 75c., .15
- Double Varieties**
- chinensis (Indian Pinks).** Choice mixed. ¼ oz. 50c. .10
- diadematus (Diadem Pinks).** Choice mixed. ¼ oz. 75c., .15
- heddewigi (Japan Pinks).** Choice mixed. ¼ oz. 50c., .15
- Sweet Wivelsfield.** This race of Hardy Annual is a cross between Dianthus allwoodi and Sweet-william.
- Single Mixed**35
- Double Mixed**50
- DIASCIA barberae.** Pretty half-hardy annual with pink, coral-like flowers, excellent for dwarf borders, and makes a fine pot plant. 9 in.25
- DIDISCUS caeruleus (Trachymene).** An attractive annual with delicate pale-blue flowers, suitable either for greenhouse cultivation or for Summer bedding. Invaluable for cutting. 1½ ft. ¼ oz. 60c., .15
- DIMORPHOTHECA (Half-hardy Annuals).**
- aurantiaca.** Gorgeous orange flowers. Blooms in six weeks from time of sowing. 12 in. . . . ¼ oz. 60c., .15
- aurantiaca Hybrids.** The flowers include a wide range of shades of primrose, apricot, buff, salmon and white. ¼ oz. 75c., .20
- Eklonis.** Large star-shaped white flowers, with a small deep blue disk.25
- DRACOCEPHALUM moldavicum.** A showy annual producing long spikes of bright blue flowers. Fine for cutting. ¼ oz. 50c., .10
- ECHIUM plantagineum.** A free growing and continuous blooming hardy annual. The flowers open rose and change to purple, making a most attractive and unusual effect. 1½ ft.25
- ERIGERON divergens.** This very pretty annual species forms neat, freely branching, shapely bushes, 12 to 18 in. high, which are thickly strewn with small white, lavender-shaded flowers about ¾ in. across, showing up well against the light gray green foliage. .35
- ERYSIMUM.** Free flowering hardy annuals, the plants resemble Wallflower; fine for cutting.
- perofskianum.** Orange yellow. 12 in.15
- Golden Gem.** A charming dwarf variety. Literally covered with golden-yellow flowers. 10 in.20



ESCHSCHOLTZIA (California Poppy). Well-known hardy annuals with showy flowers, they are most effective when grown in beds. 12 in. Pkt.

californica. Large yellow..... $\frac{1}{4}$ oz. 35c., \$0.10
californica alba. Pure white..... $\frac{1}{4}$ oz. 35c., .10
Carmine King. Rich carmine-rose..... $\frac{1}{4}$ oz. 35c., .10
crocea, fl. pl. Double orange..... $\frac{1}{4}$ oz. 50c., .10
Golden West. Bright orange-yellow..... $\frac{1}{4}$ oz. 35c., .10
Mandarin. Orange-scarlet, shaded crimson..... $\frac{1}{4}$ oz. 35c., .10
Mikado. Striking orange-crimson, one of the richest colors in Eschscholtzias..... $\frac{1}{4}$ oz. 35c., .10

EUPHORBIA

heterophylla (Mexican Fireplant). Glossy green and carmine leaves. 2 to 3 ft..... .15
variegata (Snow-on-the-mountain). Green and white foliage. 2 ft..... .15

FOUR O'CLOCK. See **MARVEL OF PERU.**

GALLARDIA (Blanketflower). Handsome hardy annuals, very useful for cutting. 2 ft.

amblyodon. Deep red, single..... $\frac{1}{4}$ oz. 50c., .15
Indian Chief. Large, single, rich coppery-red; very showy..... $\frac{1}{4}$ oz. \$1.00, .25
lorenziana Double Mixed. Large yellow and red flowers..... $\frac{1}{4}$ oz. 50c., .15
 For perennial varieties, see page 39.

GAURA lindheimeri. A graceful perennial, blooming the first season from seed, and producing long sprays of red tinted, white flowers. 2 ft..... $\frac{1}{4}$ oz. 60c., .15

GLOBE-AMARANTH (Gomphrena). Popular, everlasting flowers. 12 in.

Orange **White**
Flesh Color **Choice Mixed**
Purple

Any of the above: Pkt. 10c., $\frac{1}{4}$ oz. 35c.

GODETIA. Showy, hardy annual, with large, satiny, mallow-like flowers, suitable for mixed beds or borders. 12 in.

Crimson Glow. Compact growing variety with dazzling crimson flowers..... $\frac{1}{4}$ oz. 50c., .15
Duchess of Albany. Satiny white..... $\frac{1}{4}$ oz. 40c., .10
Lady Satin Rose. Bright carmine..... $\frac{1}{4}$ oz. 50c., .15
The Bride. White and carmine..... $\frac{1}{4}$ oz. 40c., .10
Sybil Sherwood. Salmon pink, blended with orange, which is softened by a delicate white border..... $\frac{1}{8}$ oz. \$1.00, .25
Double Sybil Sherwood. This double variety is similar to the Single "Sybil Sherwood" but of a more entrancing color. Height 18 in..... .35
Choice Mixed..... $\frac{1}{4}$ oz. 35c., .10

GRASSES (Ornamental)

Avena sterilis (Animated Oats). Drooping, very graceful. 2 ft..... .10
Briza maxima (Quaking Grass). Fine for bouquets. 1 $\frac{1}{2}$ ft..... .10
Coix lacrymae (Jobs-tears). Seed resembles a tear-drop. 2 to 3 ft..... .10
Hordeum jubatum (Squirrel-tail Grass). Bushy panicles. 2 ft..... .10
Lagurus ovatus (Hare's-tail Grass). Small, silvery gray plumes. 1 ft..... .10
Pennisetum longistylum. Drooping heads..... .10
ruppelianum. Violet-purple plumes. 2 to 3 ft.... .10
Stipa pennata (Feather Grass)..... .10
Zea japonica variegata. 5 ft..... .10

For perennial varieties, see page 39

- GYPSOPHILA** (Babysbreath). Light and graceful free flowering annuals, useful for bouquets. Pkt.
- elegans grandiflora alba.** Large, pure white flowers 18 in. Oz. 50c., \$0.10
- rosea.** Rose flowers. 18 in. Oz. 60c., .10
- muralis.** Dwarf variety, with rose flowers suitable for rockwork. 6 in. ¼ oz. 50c., .15
- HELIANTHUS.** See **SUNFLOWER.**
- HELICHRYSUM** (Strawflower). Popular, everlasting, the dried flowers are highly prized for Winter bouquets. 2 ft.
- Fireball.** Scarlet. ¼ oz. 50c., .10
- Golden Ball.** Golden yellow. ¼ oz. 50c., .10
- Rose Queen.** Carmine-rose. ¼ oz. 50c., .10
- Salmon.** ¼ oz. 50c., .10
- Silver Ball.** White. ¼ oz. 50c., .10
- Violet Queen.** Violet. ¼ oz. 50c., .10
- Choice Mixed.** ¼ oz. 40c., .10
- HELIOPHILA leptophylla.** Charming annual with pretty blue, white eyed flowers freely produced in long racemes. Height 18 in.25
- HIBISCUS africanus** (Mallow). Free flowering, hardy annuals with yellow flowers and purple centers. 2 ft. .10
- Sunset.** Beautiful greenhouse plant, yellow flowers, black center.20
- HUNNEMANNIA fumariaefolia.** Showy hardy annual, with large, golden yellow flowers and feathery glaucous foliage. 18 in. ¼ oz. 50c., .10
- Sunlite.** A semi-double variety with flowers of a bright canary yellow which are Tulip-shaped.25
- ICE PLANT.** See **MESEMBRYANTHEMUM.**
- IONOPSIDIUM acaule.** A charming miniature plant with pale blue flowers, thrives well in the shade, invaluable for rockeries. 2-3 in.15
- JACOBAEA.** A beautiful, free flowering hardy annual, producing dense heads of double flowers which are largely grown for bouquets. Choice mixed. 18 in. ¼ oz. \$1.00 .20
- KAULFUSSIA ammeloides.** Pretty, hardy annuals with blue flowers, suitable for massing. 6 in.15
- KOCHIA trichophylla** (Summer Cypress). A rapid-growing annual, foliage green, turning to fiery red in Autumn. 3 ft. ¼ oz. 30c., .10
- LARKSPUR.** Showy, hardy annuals; their beautiful and graceful spikes of bloom make a splendid display. 2 ft.
- | | |
|-------------------|----------------|
| Rose | White |
| Purple | Carmine |
| Pink | Mixed |
| Light Blue | |
- Any of the above: Pkt. 15c., ¼ oz. 50c.
- La France.** A pleasing salmon pink. ¼ oz. 75c., .20
- Los Angeles.** Rich salmon ground overlaid a brilliant rose. ¼ oz. 75c., .20
- Upright or Delphinium Type**
- Blue Bell.** Deeper than sky blue, yet much lighter than lilac, with long, basal branched flowering spikes.
- Carmine King.** Deep carmine rose.
- Miss California.** Rich deep pink on a salmon ground.
- Blue Spire.** Intense deep blue.
- White Spire.** Dazzling pure white.
- Any of the above. ¼ oz. \$1.00, .25
- For other varieties, see page 8



LAVATERA (Annual Mallow). Showy, hardy annuals, with large, cup-shaped flowers, useful for massing and cutting.	Pkt.
arborea variegata (Tree Mallow). Large, ornamental foliage plants, with leaves mottled yellow and white. 4 ft.....	\$0.15
rosea splendens . Rosy-pink flowers. 3 ft.....	.10
alba splendens . White flowers. 3 ft.....	.15
LAYIA elegans . A pretty annual with large yellow flowers edged with white. 1 ft.....	.15
LEPTOSIPHON . Free-flowering annual, admirably adapted for edgings and rockwork. 3 in.	
Choice French Hybrids.....	.15
LEPTOSYNE . Fragrant, half-hardy annuals, large, Marguerite-like flowers on long stems. Excellent for cutting.	
maritima . Large, lemon-yellow. 2 ft.... $\frac{1}{4}$ oz. 75c.,	.15
stillmani . Rich golden-yellow, bloom in six weeks after sowing. 2 ft..... $\frac{1}{4}$ oz. 75c.,	.15
LIMNANTHES douglasi . Vigorous, hardy annual with white and yellow flowers. 9 in.....	.15
LINARIA maroccana Hybrids . Beautiful annuals, ranging from white to yellow, pink and blue. 9 in..	.15
maroccana grandiflorum "Diadem." Bright violet with pure white eye. It grows about 10 in. high and forms a perfect bush.....	.35
maroccana, "Fairy Bride." The plants are 7-8 in. high, very bushy and each bearing hundreds of glistening, pure white flowers.....	.25
Dwarf Fairy Bouquet . Plants are not more than 8 in. high, are very compact, and bear large flowers in many colors.	
Choice Mixed Colors.....	.35
reticulata aurea purpurea . Golden yellow and brown-red.....	.15
LINUM grandiflorum rubrum (Scarlet Flax). An elegant, free flowering hardy annual, valuable for bedding, brilliant scarlet flowers. 1 ft.. $\frac{1}{4}$ oz. 25c.,	.10
LOBELIA, Dwarf Varieties . Pretty and invaluable half-hardy annuals for bedding and edging. 4 to 6 in.	
compacta Crystal Palace . Dark blue.. $\frac{1}{8}$ oz. \$1.00,	.20
Emperor . Light blue..... $\frac{1}{8}$ oz. 75c.,	.15
White Lady . Pure white.....	.20
Royal Purple . Deep blue with white eye.....	.20
gracilis . Light blue, trailing variety.....	.15
Tall Varieties	
Ramosa . Blue, flowers profusely in Fall. 1 $\frac{1}{2}$ ft...	.25
tenuior . A charming variety, large, cobalt-blue with white center, very suitable for growing in pots or baskets. 12 in.....	.25
LUPINUS (Lupine). These garden favorites are among the most beautiful and useful of our hardy annuals. splendid for beds, borders and backgrounds. 2 to 3 ft.	
hartwegi . Blue..... $\frac{1}{4}$ oz. 25c.,	.10
albus . White..... $\frac{1}{4}$ oz. 25c.,	.10
roseus . Rose..... $\frac{1}{4}$ oz. 25c.,	.10
Mixed $\frac{1}{4}$ oz. 25c.,	.10
hartwegi Giant King . Improved. The plants grow 3-4 ft. high and branch close to the ground, with 4-6 flower spikes to the plant. Each spike has from 25-50 more blooms than the regular type.	
King Blue	King White
King Heliotrope	King Mixed
Any of the above colors and mixed: Each, $\frac{1}{4}$ oz. \$1.00; pkt. 20c.	
menziesi . Long stems of bright yellow flowers, dwarf branching habit..... $\frac{1}{4}$ oz. 50c.,	.15
For Perennial Lupines, see pages 5 and 40	



NASTURTIUM, Dwarf Varieties.	12 in.	Pkt.
Aurora.	Chrome-yellow, lower petals suffused with purplish-carmine.....	Oz. 25c., \$0.10
Chameleon.	Pale yellow, blotched with red....	Oz. 25c., .10
Empress of India.	Crimson-scarlet, dark foliage.	Oz. 25c., .10
Golden King.	Deep yellow, golden foliage.	Oz. 25c., .10
King of Tom Thumbs.	Rich scarlet, dark foliage.	Oz. 25c., .10
King Theodore.	Deep maroon, dark foliage.....	Oz. 25c., .10
Pearl.	Creamy white.....	Oz. 25c., .10
Choice Mixed.		Oz. 25c., .10

Tall Varieties

Dark Crimson	Creamy White
Nankin Yellow	Choice Mixed
Maroon	

Any of the above: Pkt. 10c., oz. 25c.

DOUBLE SWEET-SCENTED NASTURTIUMS

The stems are long and wiry bearing numerous flowers well above the foliage.

Golden Gleam.	Golden yellow.....	Oz. 25c., \$0.10
Scarlet Gleam.	Orange scarlet.....	Oz. 25c., .10
Orange Gleam.		Oz. 50c., .15
Salmon Gleam.		Oz. 35c., .10
Gleam Hybrids.	A wonderful mixture of new colors, including scarlet, orange scarlet, salmon, salmon pink, cerise, cherry rose, pearly lemon, and maroon	Oz. 25c., .10
Dwarf Golden Globe.	Uniformly dwarf and compact, double flowers of deep golden yellow.....	Oz. 25c., .10
Dwarf Gem Mixture.	The sweet-scented double flowers cover the little plants in an excellent color range which includes shades of yellow, orange, scarlet, crimson, salmon, cream, maroon and spotted varieties.....	Oz. 35c., .10

NEMESIA strumosa suttoni. These half hardy annuals are exceedingly showy. 1 to 1½ ft.

Blue	Carmine	White
Orange	Pale Rosy Pink	Mixed
Scarlet		

Any of the above: Pkt. 25c.

compacta, Blue Gem.	Very compact, pretty Forget-me-not blue flowers.....	.25
White Gem.	White flowers.....	.25

NEMOPHILA. Among the most useful of hardy annuals. 9 in.

insignis.	Beautiful light blue.....	Oz. 75c., .10
maculata.	White, spotted with deep violet.....	.15

NICOTIANA (Tobacco). Showy and free flowering, half-hardy annuals.

affinis.	Pure white, sweet-scented. 3 ft. ¼ oz.	35c., .10
sanderæ.	Rich carmine. 3 ft. ¼ oz.	50c., .15
sanderæ Hybrids.	Many brilliant colors. 3 ft. ¼ oz.	50c., .15
sylvestris.	A handsome plant of pyramidal habit, large clusters of white flowers. 4 ft. ¼ oz.	60c., .15
Crimson Bedder.	The flowers are of a rich, deep crimson color and freely produced. Dwarf and pyramidal habit. 15 in. in height.....	.25

NIGELLA (Love-in-a-mist). Interesting hardy annuals, with finely cut foliage and curious flowers. 1½ ft.

Miss Jekyll.	A most attractive variety with flowers of a beautiful Cornflower blue, excellent for cutting.	¼ oz. 35c., .10
Miss Jekyll.	White.....	¼ oz. 35c., .10

NYCTERINIA selaginoides. Pretty, half-hardy annual, forming dwarf, compact plants, excellent for beds and borders. Flowers white, flushed lilac. 9 in..... .20



OENOTHERA drummondii (Evening Primrose). The bright yellow flowers open early in the evening and last well into the next day. 1½ ft. Pkt. \$0.10

Afterglow. The brilliant red calyx intensifies the yellow of the flower and gives quite a new and attractive appearance. Height 3 ft.25

PETUNIA (Half Hardy Annuals)

Giant Single Varieties

- Giants of California.** A superb strain of beautifully fringed, ruffled and plain-edged varieties in splendid mixture.50
- Giant Fringed.** An unrivaled strain. Choice mixed. .50
- Pride of Portland.** Deep rose fringed.50
- Romany Lass.** Glowing crimson with deep garnet throat.50
- Setting Sun.** Beautiful fringed blossoms of a brilliant rose pink.50
- Theodosia.** Fringed rosy pink with gold in the throat.50
- White Beauty.** Very large, fringed.50

Giant Double Varieties

- Giant Double Fringed.** Extra fine strain. Immense, beautifully fringed flowers. Choice mixed. 1.00
- Lady of the Lake.** Pure white fringed. 1.00

Single Bedding Varieties

- Blue Bedder.** An excellent Petunia for beds and borders.50
- Heavenly Blue.** Silvery light blue.25
- Howard's Star Improved.** Velvety maroon with pointed star of blush white.25
- Martha Washington** (Ruffled). Beautiful blush pink with red center.50
- Pink Glory.** An excellent variety with pure rose-pink flowers without a trace of purple.50
- Pink Gem.** Pale pink, dwarf and compact.50
- Rose Gem.** The plant is neat and compact, 5 to 6 in. high and smothered with rich rose colored blooms about 2 in. in diameter.50
- Rosy Morn.** Bright rosy pink with white throat, compact and free flowering. ¼ oz. \$1.50, .15
- Rose of Heaven.** Rich brilliant rose, very effective. .25
- Snowball.** Pure white. ⅛ oz. 75c., .20
- Superb Violet.** Splendid color, free from any tinge of magenta.50

Balcony Petunia

A free-flowering type suitable for bedding, window boxes, etc.

- Blue** **Rose**
 - White** **Dark Red**
- Any of the above: Pkt. 25c., ⅛ oz. \$1.50

PHACELIA campanularia. Bright blue, bell-shaped flowers. Height 9 in. ¼ oz. 60c., .15

PHLOX drummondii. The annual Phloxes are among our most popular and useful Summer flowering plants. 12 in.

- grandiflora alba.** Pure white. ¼ oz. 75c., .15
- Brilliant.** Delicate rose, white eye. ¼ oz. 75c., .15
- Chamois Rose.** ¼ oz. 75c., .15
- Coccinea.** Brilliant scarlet. ¼ oz. 75c., .15
- Isabellina.** Yellow. ¼ oz. 75c., .15
- Purple.** ¼ oz. 75c., .15
- Choice Mixed.** ¼ oz. 75c., .15

Dwarf Varieties, 8 in.

- Chamois Rose.** ⅛ oz. 75c., .20
- Fireball.** Flame red. ⅛ oz. 75c., .20
- Purple.** ⅛ oz. 75c., .20
- White.** ⅛ oz. 75c., .20
- Yellow.** ⅛ oz. 75c., .20
- Choice Mixed.** ⅛ oz. 75c., .20



POPPIES. We have endeavored to catalogue only those kinds which we can thoroughly recommend.

Single Varieties	Pkt.
The Shirley. The brilliant colors make a very effective display. Choice Mixed. 2 ft... Oz. \$1.00,	\$0.10
The Shirley "Wild Rose." Rose pink. ¼ oz. 50c.,	.15
Fairy. Flowers measure 6 in. across, each having a Maltese cross of varying tint in the center and appear in all art shades of pink, rose, salmon, and scarlet.....	.25
Miss Sherwood. White and chamoise rose. 2 ft.. ¼ oz. 35c.,	.10
Double Varieties	
American Flag. White bordered with scarlet. 2 ft..... ¼ oz. 35c.,	.10
Mikado. Large white flowers, fringed with rose. 2 ft..... ¼ oz. 35c.,	.10
Eldorado. A double form of the "Shirley." mixed colors..... ¼ oz. 35c.,	.10
White Swan. Large, pure white. 2 ft. ¼ oz. 35c.,	.10
Carnation-flowered, Mixed ¼ oz. 25c.,	.10
Ranunculus-flowered, Mixed ¼ oz. 25c.,	.10

PORTULACA. Pretty, hardy annuals, succeeding best in dry, warm situations. 6 in.

Single Rose	Single White
Single Scarlet	Single Yellow
Single Choice Mixed	
Any of the above: Pkt. 10c., ¼ oz. 50c.	
Double Mixed, pkt. 15c., ¼ oz. \$1.25	

RHODANTHE maculata. Beautiful everlasting, much prized for Winter bouquets. 1½ ft.

Choice Mixed Colors10
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RICINUS (Castor Oil Plant).

bourboniensis arboreus. Green foliage. 15 ft. Oz. 40c.,	.10
ambogensis. Dark maroon foliage, black stems. 5 ft..... Oz. 40c.,	.10
gibsoni. Dark red foliage. 5 ft..... Oz. 40c.,	.10
sanguineus. Reddish-purple foliage, red stems. 6 ft..... Oz. 40c.,	.10
zanzibarensis, Mixed. Leaves of enormous size. 10 to 12 ft..... Oz. 40c.,	.10
All Varieties Mixed Oz. 30c.,	.10

RUDBECKIA bicolor superba. Attractive annual of compact growth. Excellent for cutting. Golden yellow flowers with chestnut markings. 2 ft.....

.15

SALPIGLOSSIS. These handsome, half-hardy annuals are highly esteemed for their elegant habit and brilliant flowers. Invaluable for cutting. 2 ft.

Crimson and Gold	Violet and Gold
Crimson	Violet
White and Gold	Yellow
Rose and Gold	Emperor Mixed
Scarlet and Gold	

Any of the above: Pkt. 15c., ¼ oz. 75c.

SALVIA

splendens, Bonfire. Free flowering, with dense flaming scarlet spikes. 2½ ft..... ¼ oz. \$1.25,	.20
Coral. Vivid coral pink.....	.25
Fireball. Forms a compact, dense bush, flowers dull red, excellent for pot culture..... ⅛ oz. \$1.25,	.25
Zurich. Free flowering dwarf variety, brilliant scarlet flowers. 12 in..... ⅛ oz. \$1.00,	.25



SALVIA—Continued

Pkt.

- patens.** Rich blue, very beautiful. 2 ft. . . 1/8 oz. \$1.25, \$0.25
- farinacea.** Light blue flowers in great abundance, good for cutting. 3 ft. 1/8 oz. 75c., .15
- farinacea, Blue Bedder.** Has a more compact form than "Farinacea," with deeper blue flowers. 1/8 oz. \$1.25, .25
- horminum violacea.** Beautiful violet blue. 1 1/2 ft. 1/4 oz. \$1.00, .15

SANVITALIA procumbens fl. pl. Beautiful dwarf, hardy annuals for beds and borders, bright double yellow flowers. 6 in. 1/4 oz. 75c., .15

SAPONARIA

- vaccaria.** Tall growing variety of branching habit. The light graceful sprays of glistening flowers are produced in great profusion. 2 1/2 ft.
- Pale Rose.** 1/4 oz. 25c., .10
- White.** 1/4 oz. 25c., .10
- calabrica.** Small starry pink flowers, admirable for bedding or massing. 9 in. 1/4 oz. 25c., .10

SCABIOSA (Mourning Bride). Charming, half-hardy annuals, extremely useful for cutting.

- | | |
|-----------------------------------|---------------------|
| Azure Fairy. Heavenly blue | Lilac |
| Fiery Scarlet | Rose |
| Flesh Color | Yellow |
| King of Blacks | Pure White |
| Any of the above. | Choice Mixed |
- Any of the above. 1/4 oz. 50c., .10

SCHIZANTHUS. Handsome, free flowering annuals, fine for beds and borders or for the greenhouse.

- Garaway's Hybrids.** A fine strain, unsurpassed for profusion of bloom, variety of color, and symmetry of habit.50
- wisetonensis.** The flowers are of various delicate shades of white, cream and rose. Choice mixed.25
- wisetonensis, Pink Pearl.** Glistening white, with rosy-pink margin to petals.50
- Pansy-flowered.** A new type with large, Pansy-flowered blooms. The self colors, in all shades of pink, crimson, mauve, purple and white are extremely bright and attractive. **Choice Mixed**50

STATICE (Sea-lavender). Pretty plants for beds or rockwork. 1 1/2 ft.

- sinuata, True Blue.** Rich navy blue shading off to pale lilac, very fine. 1/4 oz. 50c., .15
- sinuata, Lavender Queen.** Bright lavender.25
- sinuata, Kampf's Tall Improved.** Produces brilliant deep blue blooms on stalks 3 ft. long. Unsurpassed for cutting and indoor Winter decorations.25
- sinuata Hybrids.** A large-flowered type, with mauve-purple, white and primrose yellow flowers. 1/4 oz. 50c., .15
- suworowi.** Bright rose color; very fine. . . . 1/4 oz. 75c., .20
- bonduelli.** Bright yellow. 1/4 oz. 50c., .15

STOCKS, Summer Flowering. The seed we offer is saved from carefully selected plants by a leading European specialist.

- Giant Perfection, Ten Weeks.** One of the best varieties, forming splendid plants of pyramidal growth and branching habit.
- | | | |
|----------------------|------------------|------------------|
| Apple Blossom | Blood Red | Deep Blue |
| Light Blue | Pink | Rose |
| Snow White | Yellow | Mixed |

Any of the above: Pkt. 25c., 1/8 oz. \$1.00



STOCKS—Continued

Cut-and-Come-Again (Dresden Perpetual). A fine, early flowering perpetual variety; large spikes, excellent for cutting. Pkt.

Carmine	1/8 oz.	\$1.25,	\$0.25
Deep Blue	1/8 oz.	\$1.25,	.25
Silver-lilac (Empress Augusta Victoria).....			
	1/8 oz.	\$1.25,	.25
Pure Rose	1/8 oz.	\$1.25,	.25
Fiery Blood Red	1/8 oz.	\$1.25,	.25
Gold Yellow	1/8 oz.	\$1.25,	.25
Light Copper	1/8 oz.	\$1.25,	.25
White (Princess Alice)	1/8 oz.	\$1.25,	.25
Choice Mixed	1/8 oz.	\$1.25,	.25

For Greenhouse varieties, see page 12.

SUNFLOWER (Helianthus). Showy hardy annuals for borders, the smaller varieties are useful for cutting.

cucumerifolius. Small, single rich yellow flowers. 3 ft.....	Oz.	75c.,	.10
cucumerifolius stella. Single, golden-yellow flowers, with black centers, fine for cutting. 4 ft..	Oz.	\$1.00,	.10
macrophyllus giganteus. Huge leaves and large single yellow flowers. 8 ft.....	Oz.	25c.,	.10
Orion. A variety of Stella with twisted petals.	Oz.	\$1.00,	.10
Red Hybrids. Dark-centered, brilliant flowers banded with bright, chestnut-red, merging to yellow at the tips of the petals. 6 ft.....	1/4 oz.	35c.,	.15
Double Californian. Large, double yellow flowers. 5 ft.....	Oz.	50c.,	.10
Double Chrysanthemum-flowered. Golden yellow flowers. 7 ft.....	Oz.	60c.,	.10

Giant Spencer Sweet Peas

The varieties listed below are undoubtedly the finest in their respective colors, and we highly recommend them to exhibitors.

	Pkt.	Oz.
American Beauty. Old rose with salmon suffusion.....	\$0.15	\$0.75
Ambition. A glorious lavender mauve. Very large flowers, beautifully frilled.....	.10	.50
Amethyst. Clear amethyst blue, with slight tinge of mauve on the standards.....	.15	.75
Artiste. Geranium pink, shaded salmon.....	.25	1.00
Ascot. A beautiful flower of the most pleasing clear pink. Frilled.....	.10	.50
Avalanche. Pure white, immense size.....	.10	.50
Blue Bird. Bright blue.....	.10	.50
Beatal. Rich salmon rose, distinct and beautiful.	.10	.50
Bonnie Briar. Sparkling rose pink, large flowers.	.15	.75
Burning Blaze. Brilliant salmon orange.....	.15	.75
Capri. One of the best light blue varieties. The flowers are beautifully waved and properly spaced on long, stout stems.....	.25	1.00
Cattleya Queen. Rosy mauve, large, frilled flowers.....	.15	.75
Charity. Brilliant crimson.....	.10	.50
Crimson King. Rich deep crimson.....	.10	.50
Daisy K. Elliott. Pure white, with a broad band of bright rose.....	.15	.75
Daylight. Glorious primrose-pink, brightened by tones of coral or Peach-blossom pink.....	.15	.75



SWEET PEAS—Continued		Pkt.	Oz.
Firebrand.	Flaming orange-cerise, the wings being deep cerise and the standards aflame with orange-scarlet.....	\$0.15	\$0.75
Flaming Youth.	A grand salmon orange, flowers of the largest size with duplex standards.....	.15	.75
Florence K. Elliott.	Although this variety produces black seeds the flowers are of the purest white. The individual blooms are large and produced in great profusion.....	.15	.75
Floradale.	A most artistic flower of rich salmon-pink on cream.....	.10	.50
Fortune.	A magnificent dark blue.....	.10	.50
Gigantic.	An enormous black seeded white, of wonderful purity, artistic form, and fine substance. Beautifully frilled.....	.25	1.00
Gleneagles.	Lavender blue, large and frilled..	.10	.50
Gold Crest.	Beautiful orange salmon.....	.10	.50
Grand National.	Rich cream.....	.15	.75
Grand Slam.	Clear bright scarlet cerise, shaded with orange.....	.25	1.00
Guinea Gold.	Glowing golden orange.....	.10	.50
Hebe.	Giant rose-pink.....	.10	.50
Highland Mary.	Pale rose-pink of immense size with extra long flower stems.....	.15	.75
Huntsman.	Magnificent scarlet.....	10	.50
Jack Hobbs.	Rich cream, flushed scarlet pink. Immense, frilled flowers.....	.10	.50
James R. K. Bannister.	Rich, pure purple... ..	.15	.75
Lady of Fortune.	Lavender blue, frilled.....	.15	.75
Leviathan.	Rich maroon, fringed.....	.15	.75
Lily Elliott.	Purest white.....	.15	.75
Loch Lomond.	Rich mahogany-red brightened by a decided lustrous sheen.....	.15	.75
Lullaby.	True light pink on white ground....	.25	1.00
Mary Pickford.	Rosy-pink on cream; frilled..	.10	.50
Matchless.	The finest cream colored variety..	.10	.50
Mollie.	Orange pink. Immense size.....	.15	.75
Olympia.	Rich purple.....	.10	.50
Pinkie.	Rich rose pink.....	.10	.50
Powerscourt.	Lilac-lavender.....	.10	.50
Red Boy.	Bright deep crimson.....	.10	.50
Royal Sovereign.	Brilliant orange.....	.10	.50
Royal Scot.	Considered the best scarlet, does not burn in strongest sunshine.....	.10	.50
Ruffled Beauty.	Cream-pink, with a sheen of bright lilac. Exquisitely ruffled giant blooms.	.10	.50
Salmon Queen.	A lovely salmon self.....	.10	.50
Smiles.	Salmon shrimp-pink.....	.15	.75
Springtime.	Silvery white ground suffused rose, most attractive coloring.....	.25	1.00
Stylist.	Bold flowers of clear deep rose pink, salmon flushed.....	.25	1.00
Tangerine Improved.	Deep salmon-orange... ..	.10	.50
Warrior.	Rich chocolate-maroon of gigantic size and perfect form.....	.10	.50
Welcome.	The most brilliant and dazzling scarlet Sweet Pea.....	.10	.75
Wembley.	A grand variety of soft lavender....	.10	.50

SUPERB MIXTURE OF SPENCER SWEET PEAS

Oz. 30c., ¼ lb. \$1.00, lb. \$3.50



WINTER-FLOWERING SWEET PEAS

	Pkt.	Oz.
American Beauty. Rich crimson rose.....	\$0.25	\$1.00
Annie Laurie. Pure rose pink.....	.25	1.00
Attraction. Salmon pink on light cream ground.....	.25	1.00
Betsy Ross. Soft pink, picotee edged.....	.20	.75
Blue Bird. Violet blue.....	.20	.75
Blue Bonnet. Clear deep blue.....	.20	.75
Blue Jacket. Dark navy blue.....	.20	.75
Bright Light. Glowing scarlet.....	.25	1.00
Burpee's Orange. Clear orange.....	.20	.75
Chevalier. True rose.....	.25	1.00
Eldorado. Orange.....	.25	1.00
Flamingo. Orange salmon.....	.20	.75
Giant Rose. Deep rose pink.....	.25	1.00
Gilda Gray. Salmon cerise.....	.20	.75
Gleam. Bright geranium pink.....	.25	1.00
Glitters. Bright orange scarlet.....	.20	.75
Glorious. Bright rosy purple.....	.20	.75
Lavender King. Fine lavender.....	.20	.75
Mauve Beauty. Rosy mauve.....	.25	1.00
Memory. Clear rosy lavender.....	.50	2.50
Monterey. Geranium pink flushed salmon.....	.25	1.00
Mrs. Kerr. Clear salmon.....	.25	1.00
Oriental. Deep cream.....	.25	1.00
Pride. Pure deep cerise.....	.25	1.00
Rose Queen Improved. Bright rose pink.....	.20	.75
Shirley Temple. Large frilled soft pink.....	.25	1.50
Snowstorm Improved. Pure white.....	.20	.75
Success. Rose pink on white ground.....	.25	1.25
Vulcan. Dazzling scarlet red.....	.25	1.00
White Harmony. Pure white.....	.25	1.00
Yarrawa. Rose pink on cream.....	.20	.75

Pkt.

TAGETES signata pumila. Profuse blooming, bedding annual; flowers bright yellow; height 1 ft. $\frac{1}{4}$ oz. 50c., \$0.10

TITHONIA speciosa (Mexican Sunflower). Tall, growing plant with rich orange red flowers of a very telling color; invaluable for clumps in the tall border. Half hardy annual. Height 6 ft. $\frac{1}{4}$ oz. \$1.00 .20

TORENIA. Beautiful, free flowering, tender annuals, fine for vases, baskets, etc. 12 in.

bailloni. Deep yellow, with purple throat25

fournieri grandiflora. Light blue, with dark blue spots and yellow throat..... .25

fournieri, White Wings. Blush-white with yellow throat, striking and beautiful..... .25

URSINIA anethoides. Daisy-like flowers of rich orange yellow, adorned by a beautiful ring of deep purple. Half hardy annual. Height 1 ft..... .25

VENIDIUM calendulaceum. Flowers of a large, brilliant orange, which have a paler zone round the central disc. A strong growing hardy annual. Height 18 in..... .35

fastuosum. Numerous rich orange colored Daisy-like flowers which are marked with a purple-black zone at the base of the petals. Height 2-3 ft. Half hardy annual..... .35

fastuosum Hybrids. The plants grow 2 to 3 ft. tall and produce numerous stems, each bearing a large flower, 4 to 5 inches across. The colors include buff, lemon, cream, light orange, white, canary yellow, rose, cerise, and salmon. Half hardy annual..... .50



ZINNIAS—Continued

GIANT DAHLIA-FLOWERED

The plants are of strong, vigorous habit fully 3 feet high, producing mammoth flowers. Pkt.

- Crimson Monarch.** The largest and best of the red shades..... $\frac{1}{8}$ oz. 40c. \$0.20
- Dream.** Fine deep lavender..... $\frac{1}{8}$ oz. 40c., .20
- Exquisite.** Beautiful light rose..... $\frac{1}{8}$ oz. 40c., .20
- Golden State.** A very rich orange yellow... $\frac{1}{8}$ oz. 40c., .20
- Polar Bear.** Large, pure white..... $\frac{1}{8}$ oz. 40c., .20
- Oriole.** Orange and gold..... $\frac{1}{8}$ oz. 40c., .20
- Purple Prince.** Fine purple..... $\frac{1}{8}$ oz. 40c., .20
- Lemon Beauty**..... $\frac{1}{8}$ oz. 40c., .20
- Old Rose**..... $\frac{1}{8}$ oz. 40c., .20
- Choice Mixed**..... $\frac{1}{8}$ oz. 40c., .20

DOUBLE DWARF PUMILA

The flowers average $2\frac{1}{2}$ inches across and the petals are tightly and symmetrically arranged. The plants grow about 2 feet tall, very bushy, and well rounded.

- Bright Scarlet**
- Salmon Rose**
- Dark Scarlet**
- Golden Orange**
- Pure White**
- Choice Mixed**

Any of above colors: Pkt. 15c., $\frac{1}{4}$ oz. 50c.

LILLIPUT, or POMPON

The plants grow 15 inches tall and bear a wealth of button-like blooms throughout the Summer and Fall.

- Crimson Gem**
- Purple Gem**
- Lilac Gem**
- Golden Gem**
- Scarlet Gem**
- White Gem**

Any of the above: Pkt. 15c., $\frac{1}{4}$ oz. 50c.

EARLY WONDER

A race of dwarf early flowering Zinnias producing masses of Pumila type flowers on long, nearly leafless stems. Height 12-15 inches. Pkt.

- Fiery Salmon Cerise Pink**..... $\frac{1}{8}$ oz. 50c. \$0.20
- Rose Pink**..... $\frac{1}{8}$ oz. 50c., .20
- Finest Mixed.** Many new shades of Orange, Reds, Lavender and Pinks..... $\frac{1}{8}$ oz. 50c., .20

FANTASY

The informal, shaggy appearing flowers are graceful and interesting, and quite distinct from the formal Zinnias to which we are accustomed.

Choice Mixed. Pkt. 20c., $\frac{1}{4}$ oz. 75c.

HAAGEANA

A dwarf, compact variety growing 9 to 10 inches high, and bearing masses of double flowers $1\frac{1}{2}$ inches through in a most unusual range of colors.

Pkt. 25c., $\frac{1}{4}$ oz. \$1.00

LINEARIS

The flowers which are single are a lovely shade of golden orange, with a delicate lemon stripe through each petal. An unusual and interesting variety.

Pkt. 25c., $\frac{1}{4}$ oz. \$1.50

SCABIOUS-FLOWERED

The flowers are of medium size and each bears a collar of petals surmounted by a full, double crest of the same tone of color. The colors range from pale rose to crimson and scarlet with orange, golden and purple shades. Height $2\frac{1}{2}$ feet.

Pkt. 25c., $\frac{1}{4}$ oz. \$1.00

CLIMBERS

	Pkt.
ADLUMIA cirrhosa (Mountain Fringe). A hardy biennial climber, with beautiful dark rose flowers and delicate foliage.	\$0.20
CARDINAL CLIMBER. A beautiful annual climber of rapid growth, with fern-like foliage. The flowers are of a fiery cardinal red color and borne in clusters. ....	.25
COBAEA scandens. Well-known, tender perennial climber, with large, bell-shaped flowers.	
scandens, Blue. ¼ oz. 35c.,	.10
scandens, White. ¼ oz. 60c.,	.20
CYPRESS VINE (<i>Ipomoea Quamoclit</i>). A graceful, twining annual with feathery, dark-green foliage and star-like flowers. Mixed colors. ¼ oz. 35c.,	.10
DOLICHOS lablab (<i>Hyacinth-bean</i>). A rapid-growing annual climber, bearing pea-shaped, purple blossoms and ornamental seed pods. Oz. 50c.,	.10
ECHINOCYSTIS lobata (<i>Wild Cucumber Vine</i>). One of the quickest growing annual vines. The foliage is large and of a rich green color. Oz. 50c.,	.10
GOURDS, Ornamental	
Apple-shaped. Small fruit, striped yellow and green. Oz. 50c.,	.10
Bottle-shaped. Fruit yellowish-white, dark green circles. Oz. 50c.,	.10
Calabash. The stem ends of the fruits are used for making pipes. Oz. 50c.,	.10
Dipper Shaped. Oz. 50c.,	.10
Dishcloth (<i>Chinese Luffa, or Sponge Gourd</i>). Oz. 50c.,	.10
Hercules Club. Long green fruits. Oz. 50c.,	.10
All Varieties Mixed. Oz. 50c.,	.10
HUMULUS japonicus (<i>Japanese Hop</i>). Rapid growing annual climber, green foliage. ¼ oz. 30c.,	.10
japonicus variegatus. Variegated foliage. ¼ oz. 30c.,	.10
IPOMOEA	
purpurea (<i>Convolvulus major</i>). (<i>Morning-glory</i>). Strong annual climbers of easy culture. Choice mixed. Oz. 25c.,	.10
imperialis (<i>Japanese Morning-glory</i>). The flowers are very large and of great variety of colors. Choice mixed. Oz. 50c.,	.10
Bona Nox (<i>Evening Glory</i>). Large, blue flowers open in the evening. Oz. 60c.,	.10
coccinea. Bright scarlet flowers. Oz. 60c.,	.10
noctiflora alba (<i>Moonflower</i>). Rapid climber, fragrant white flowers. Oz. \$1.00,	.10
Heavenly Blue. Immense flowers of bright sky-blue. ¼ oz. 50c.,	.15
KENILWORTH IVY (<i>Linaria Cymbalaria</i>). A perennial trailing plant with violet flowers, useful for hanging baskets, etc. ....	.15
LOPHOSPERMUM scandens. An exceedingly handsome half-hardy climber, with large pink flowers. ....	.15
MAURANDIA barclayana. Greenhouse perennial climber with tube-shaped purple flowers. ....	.20
MINA lobata. The buds are orange-red, changing to creamy white when fully expanded. Half hardy annual. ....	.15
PASSIFLORA caerulea (<i>Passionflower</i>). Greenhouse perennial climber with exquisite blue flowers. ....	.20
THUNBERGIA. Elegant climber for greenhouses, suspended baskets, and sunny positions in the open.	
Choice Mixed Colors. ¼ oz. 50c.,	.15
TROPAEOLUM canariense (<i>Canary-creeper</i>). Half hardy annual with bright yellow flowers. Oz. 60c.,	.10

PERENNIALS *and* BIENNIALS



ONE of the most interesting spots in any garden is the border devoted to hardy perennials, usually called "the old-fashioned" or "grandmother's garden." Their permanent nature and delightful forms and color, their wealth of blooms and continuous display throughout the year are good reasons why perennials are general favorites with everybody.

Varieties marked with a (*) are particularly adapted for Rock Gardens

- | | |
|--|--------|
| | Pkt. |
| * ACANTHUS mollis. Stately hardy plant with large, decorative leaves, flowers white; July and August.
3 ft. 1/4 oz. 50c., | \$0.15 |
| * ACHILLEA ptarmica, "The Pearl." Valuable perennial, blooming all Summer; pure white clusters of flowers on long stems. 1 1/2 ft. 1/8 oz. \$1.00, | .25 |
| ACONITUM (Monkshood). Hardy perennials with showy spikes of hood-shaped flowers; invaluable for planting in shady beds or borders. | |
| napellus. Dark blue flowers, August and September.
3 ft. 1/8 oz. 75c., | .10 |
| wilsoni. Light blue flowers in large trusses, very late.
4 ft. 1/8 oz. \$1.50, | .25 |
| ADONIS vernalis (Ox-Eye). Bright yellow, Spring-blooming. 1 ft. | .15 |
| AGROSTEMMA hybrida walkeri. Brilliant rosy-purple flowers. 2 ft. 1/8 oz. \$1.00, | .20 |
| * ALYSSUM saxatile compactum (Gold Dust). Valuable Spring flowering perennial of spreading growth, bearing a profusion of bright yellow flowers. 9 in. 1/8 oz. 50c., | .15 |
| ANCHUSA italica, "Dropmore Variety." An improved type, vigorous plant with large flowers of a beautiful shade of gentian blue. June to September.
1 1/2 ft. 1/8 oz. 50c., | .20 |
| italica, Feltham Pride. This variety is of a much less spreading habit than the "Dropmore" and bears larger flowers of a brighter blue. | .35 |
| myosotidiflora. A distinct species producing masses of Forget-me-not-like flowers during May. 1 ft. | .25 |
| * ANEMONE. Double Chrysanthemum flowered. Great variety of colors; good double flowers. | .25 |
| St. Brigid (Creagh Castle strain). A beautiful strain producing large double, semi-double and single flowers in a great variety of striking colors. Easily raised from seed. | .25 |
| ANTHEMIS tinctoria kelwayi. Improved strain, with bright yellow, Daisy-like flowers. June to September. 1 1/2 ft. 1/8 oz. 60c., | .15 |

AQUILEGIA (LONG-SPURRED)

- Mrs. Scott Elliott's Long-spurred Hybrids.** Magnificent hybrids in the greatest variety of colors and shades. One of the finest strains. 2 ft. . . 1/8 oz. \$1.50, .50
- | | |
|--|-----|
| Crimson Star. Brilliant dark crimson. | .25 |
| Copper Queen. Coppery red petals and spurs with large, open, straw colored corolla passing off to white. | .25 |
| Rose Queen. Pale pink sepals and spurs, white corolla with yellow stamens. | .25 |
| chrysantha. Golden yellow. 3 ft. 1/8 oz. \$1.00, | .15 |
| chrysantha alba. Pure white. 3 ft. 1/8 oz. \$1.25, | .25 |
| * caerulea. Pale blue and white flowers. 3 ft. 1/8 oz. \$1.50, | .25 |
| skinneri (Mexican Columbine). Scarlet and yellow flowers. 2 1/2 ft. 1/8 oz. \$1.25, | .25 |



Pkt.

***ARABIS alpina** (Rock Cress). Hardy, early blooming perennial with pure white flowers, most useful for rockeries or edgings. 6 in. ¼ oz. 50c., \$0.15

ASCLEPIAS tuberosa. A fine perennial with umbels of brilliant orange red flowers. 2 ft.25

ASTERS (Michaelmas Daisy). Showy, hardy perennials, and if sown in early Spring will bloom the same year.

Choice Mixed Colors ⅛ oz. \$1.00, .20

subcaeruleus, Wartburg Star. The bright lavender blue flowers with yellow centers measuring more than 4 in. across are borne on stalks 28 in. long.25

AUBRIETIA. Strong, Spring-flowering plants, suitable for rockeries. 4 in.

***purpurea**. Deep purple.25

***deltoides**. Lilac, very pretty.25

***leichtlini**. Rosy-red, a charming variety.25

AURICULA (*Primula auricula*). Early flowering garden Primroses, beautiful shades of color. 6 in.25

BAPTISIA australis (False Indigo). Vigorous plant with spikes of pea-shaped blue flowers. 6 in. in length. June and July. 2½ ft. ¼ oz. \$1.50, .15

***BELLIS perennis fl. pl.** (English Daisy).

Giant Dark Rose ⅛ oz. \$1.00, .25

Giant Light Rose ⅛ oz. \$1.00, .25

Giant White ⅛ oz. \$1.00, .25

Giant Mixed ⅛ oz. \$1.00, .25

BOCCONIA japonica (Plume Poppy). Ornamental hardy perennial, fine in large beds; flowers white. July and August. 6 ft. ¼ oz. 60c., .15

BOLTONIA asteroides. Showy perennials, closely resembling hardy Asters, flowers pure white. August and September. 6 ft.25

latisquama. Flowers pink, tinged with lavender. August and September. 5 ft.25

CAMPANULA (Bellflower). Popular and beautiful plants, with large, bell-shaped flowers of exquisite colors.

Perennial Varieties

***carpatica**. Dwarf, compact variety, flowers clear blue, fine for rockeries. 8 in. ¼ oz. 75c., .15

***carpatica alba**. Dwarf, pure white. ¼ oz. \$1.00, .15

grandis. Large blue, suitable for shady places.25

nobilis. Long, light purplish flowers. July. 2 ft.25

persicifolia grandiflora, Blue. Large, bright flowers; one of the finest. June and July. 2 ft.25

persicifolia grandiflora alba. Snow white flowers.25

persicifolia, "Telham Beauty." Large, globular flowers of a lovely China blue. July. 2 ft.50

pyramidalis (Chimney Bellflower). Stately plants, producing large, blue flowers, for garden or pot culture. 4 ft.20

pyramidalis alba. Pure white, form of the above, .20

media (Canterbury-bells). Well-known biennials, bearing a profusion of bell-shaped flowers; very effective for borders and pot culture.

Single Blue

Single Rose

Single Lilac

Single White

Single Mixed

Any of the above, pkt. 15c., ¼ oz. 50c.

Double Blue

Double White

Double Rose

Double Mixed

Any of the above, pkt. 15c., ¼ oz. \$1.00

For **Annual Canterbury-bells**, see page 7.

A Garden for Every Home

CAMPANULA—Continued

calycanthema (Cup-and-saucer Varieties). Large, semi-double flowers, resembling a cup and saucer.

Blue		Lilac	
Rose	Choice Mixed	White	

Any of the above, pkt. 15c., ¼ oz. \$1.00

CANDYTUFT (*Iberis sempervirens*). Early blooming hardy perennials, valuable for rock ledges, borders, banks, etc. Pkt.

***sempervirens**. Pure white flowers and deep green evergreen foliage. 1 ft. ¼ oz. \$1.75, \$0.25

***gibraltarica**. White, shaded with pink. ⅛ oz. 75c., .25

CARNATIONS, Hardy. Highly esteemed and beautiful plants, blooming profusely during May and June, excellent for cutting. 1 to 2 ft.

Chabaud's Everblooming. Blooms in five months after being sown, and continues to produce its splendid double flowers in the greatest profusion indefinitely. Mixed colors. ⅛ oz. \$1.00, .25

CARNATIONS, Giant Margaret. A beautiful race with fringed double flowers, blooming within six months from time of sowing.

Red.....	.25
White.....	.25
Yellow.....	.25
Choice Mixed.....	.25

CATANANCHE caerulea. Beautiful blue flowers. June to August. 2 ft.15

CENTAUREA montana, Blue. Large, deep purple flowers. July and August. 2 ft.15

montana alba. Pure white.20

***CERASTIUM tomentosum** (Snow-in-summer). Pretty silver-leaved trailing perennial, valuable for edgings and rockeries. 4 in.20

CHEIRANTHUS allioni (Siberian Wallflower). Showy rock plants with bright orange flowers blooming all Summer. 1 ft. ¼ oz. \$1.00, .25

allioni, Golden Bedder. Deep golden yellow.25

CHELIDONIUM, Yellow Queen. The flowers of a beautiful golden yellow, are produced freely and remind one of a "Yellow Romneya." Height 4-5 ft.25

CHELONE barbata. Hardy perennial of Pentstemon-like habit, producing long racemes of scarlet flowers; 3 ft.15

torreyi. Brick red. 3 ft.15

CHRYSANTHEMUM maximum (Shasta Daisy). Large, free blooming variety, flowers white. 2 ft.15

Double Shasta Daisy. Pure white.50

maximum King Edward VII. Pure white, yellow center, very handsome. 3 ft.25

***mawi**. A hardy variety with rich pink flowers 2 in. across, silvery foliage. Height 1 ft.35

Piper's Hybrids. Blooms 2 to 4 in. across, in shades of bronze, terra cotta, crimson, pink, white and maroon. **Choice Mixed** .50

COREOPSIS (Perennial Calliopsis). One of our finest hardy perennials. Fine for bouquets.

grandiflora. Large, rich yellow flowers. ¼ oz. 50c., .15

lanceolata. Rich golden yellow flowers. ¼ oz. 60c., .15

Mayfield Giant. It produces a taller and more vigorous plant than the older varieties, with longer and firmer stems and larger individual blooms. Rich golden yellow.50

***COWSLIP** (*Primula officinalis hybrida*). Popular Spring-flowering plants, adapted to shady places. 6 in.

Choice Mixed..... .25



Pkt.

CUPHEA platycentra (Cigarplant). Small scarlet and black tubular flowers. 1 ft. \$0.25

DELPHINIUM (Perennial Larkspur).

- Wrexham Strain.** The blooms are of immense size, ranging in color from white and lavender through every shade of blue. 1/16 oz. \$2.50 1.00
 - Kelway's Show.** The seed we offer has been saved by Messrs. Kelway from their celebrated collection of named varieties. 1/8 oz. \$1.50, .50
 - belladonna, Improved.** Enormous spikes of large single flowers of a clear turquoise blue. 4 ft. 1/8 oz. \$1.00, .25
 - belladonna, Fanny Stormonth.** Light blue50
 - formosum.** Rich dark blue with white eye. 3 ft. 1/4 oz. \$1.50, .15
 - elatum, Iceberg.** Large, pure white blooms.50
- For Other Varieties, see **Specialties**, page 7.

DIANTHUS

- *deltoides "Brilliant."** The plants are literally covered with tiny flowers of a rosy-crimson color. 6-9 in.25
- *deltoides** (Maiden Pink). Rosy magenta.25
- deltoides.** White.25
- *Delight.** Blooming from June until October, neat, erect habit and about 9 in. high with myriads of blooms 1/2 in. in diameter; colors range from palest pink to deepest purple and velvety reds.50
- *Loveliness.** Large flowers, lacerated petals, of a most exquisite mauve tint and the most alluringly perfumed flower we know.50
- plumarius.** Single mixed.20
Double Mixed.25
- plumarius "Cyclops."** A remarkable strain of Single Pinks producing throughout the Summer large, sweet-scented flowers of every shade from pure white to pink and rich crimson.25
- *allwoodi.** Produces an abundance of flowers from Spring to Autumn in various charming shades of color, deliciously fragrant.50
- *Rock alpinus.** It is only 4 to 6 in. high, has single and semi-double flowers and contains all the Dianthus colors. Is a perfect gem for the rock garden... .50

DICTAMNUS fraxinella (Gasplant). Hardy perennial with handsome spikes of reddish flowers. 3 ft.25

DIGITALIS (Foxglove). The tall flower spikes of these popular perennials are particularly handsome when grown among shrubbery.

- gloxinioides.** Purple. 1/4 oz. 50c., .15
- Rose.** 1/4 oz. 50c., .15
- White.** 1/4 oz. 50c., .15
- Mixed.** 1/4 oz. 50c., .15
- grandiflora.** Chrome-yellow. 1/4 oz. 50c., .15
- The Shirley.** A magnificent strain producing plants 5-7 feet high with spikes 4 feet long, carrying flowers of great size, ranging from white to dark rose, blotched and spotted crimson, maroon, and chocolate. 1/4 oz. \$1.00, .25

ECHINOPS ritro. A hardy perennial with blue, thistle-like flowers; fine for bees. 3 ft.15

EDELWEISS (*Leontopodium alpinum*). Interesting white leaved plant. 6 in.25

ERIGERON speciosus. Pale mauve flowers, gold centers. 1 1/2 ft.15

***ERINUS alpinus.** A charming Spring-flowering plant with pale purple flowers. 2 in.50



	Pkt.
ERYNGIUM giganteum. (Silver Thistle). Ornamental hardy perennial, blue flowers. 4 ft.	\$0.25
ERYSIMUM linifolium. Also known as Cheiranthus linifolius. This charming hardy biennial which can be treated as an annual, is of low spreading habit with clear mauve Wallflower-like flowers. ....	.25
EUPATORIUM fraseri. Hardy perennial with clusters of white flowers; fine for cutting. 2 ft. ....	.20
GAILLARDIA Kelway's Hybrids. An improved strain producing enormous flowers. Choice mixed. ¼ oz. 75c.,	.25
Portola Hybrids. A fine strain with broad petaled flowers, ranging through shades of bronzy red with gold tipped petals. ....	.25
Torchlight. The flowers are golden yellow with a rich maroon red center and often measure 5 in. across..	.25
grandiflora. Large, pure yellow flowers. ¼ oz. 40c.,	.10
GAZANIA splendens hybrida. Showy, half hardy perennial. The plants are low growing with a good quantity of long-stemmed, Daisy-like flowers in brilliant shades of orange and yellow, as well as cream and white. ....	.25
GENTIANA acaulis (Blue Gentian). Intense, blue, bell-shaped flowers, suited to moist and shady situations. 6 in. ....	.15
GEUM coccineum fl. pl., Mrs. J. Bradshaw. Handsome variety with large, double, bright scarlet flowers in bloom all Summer. 1½ ft. ....	.25
Lady Stratheden. Rich golden yellow, a counterpart in all other respects to Mrs. Bradshaw. ....	.25
Prince of Orange. The color of this variety is a true rich orange shade, the plant is sturdy with long and strong stalks. ....	.35
GILIA coronopifolia. Half-hardy biennial giving long spikes of brilliant scarlet-crimson flowers interspersed with fine Larkspur-like foliage. A very striking plant. 4 ft. ....	.25
GRASSES, Ornamental	
Arundo Donax (Giant Reed). Tall variety with green leaves. 15 ft. ....	.10
Erianthus Ravennae (Plume Grass). Fine silvery plumes. 8 ft. ....	.10
Eulalia japonica. Long, dark green leaves. 6 ft. ....	.15
Eulalia zebrina (Zebra Grass). Dark green leaves, barred with creamy white. ....	.15
Gynerium argenteum (Pampas Grass). Long silvery plumes. 10 ft. ....	.10
For Annual Varieties, see page 21.	
GYPSOPHILA paniculata. Small, white flowers, fine for bouquets. 2 ft. ¼ oz. 50c.,	.15
paniculata fl. pl. "Snow White." Pure white, producing a larger percentage of double flowers than the old type. ....	.25
repens. A dwarf trailing variety suitable for rockeries; it has pinkish-white flowers, and is a continuous bloomer. 6 in. ⅛ oz. 75c.,	.25
HELENIUM autumnale superbum. Late flowering, hardy perennials, broad heads of golden yellow flowers; 5 ft. ⅛ oz. \$1.00,	.25
Bigelow. Rich yellow with brown disc. 4 ft. ....	.20
Riverton Gem. A fine variety, flowers opening old gold, changing as they mature to Wallflower red. 3 ft. ....	.25
HELIOTROPE. These favorite greenhouse and bedding plants are highly valued for their sweet-scented flowers. 1½ ft.	
Lemoine's Giant Mixed. ....	.25



Pkt.

***HEUCHERA sanguinea.** Charming dwarf, hardy perennial with spikes of coral red flowers. July and August. 1 ft. \$0 25

HOLLYHOCK.

Exquisite. Very large flowers, beautifully curled and fringed, each petal being margined white and having a striking blotch. Colors, light and dark rose, carmine-rose, violet, and dark purple. Choice Mixed. .25

Imperator. Rising to a stately height, it bears flowers 5½ to 6½ in. across, consisting of wide outer petals, elegantly frilled and deeply fringed, and in the center of which appears a very double rosette about 2 in. across. Choice Mixed.25

- Chater's Double, Crimson**..... ¼ oz. \$1.00, .20
- Rose**..... ¼ oz. \$1.00, .20
- Salmon Rose**..... ¼ oz. \$1.00, .20
- Sulphur Yellow**..... ¼ oz. \$1.00, .20
- Maroon**..... ¼ oz. \$1.00, .20
- White**..... ¼ oz. \$1.00, .20
- Mixed**..... ¼ oz. \$1.00, .20

Single Hollyhocks. Single Hollyhocks are well worthy of more extensive cultivation.

Red, White, Rose, Yellow and Mixed..... Each, ¼ oz. 75c., .15

HONESTY (*Lunaria biennis*). Hardy biennial with silvery seed vessels, valuable for Winter decorations. 2 ft.15

INCARVILLEA delavayi. Large, rich rose Begonia-like flowers with deep yellow throats produced all through the Summer. 2½ ft.25

LANTANA hybrida. Shrubby half-hardy bedding plant. Choice mixed.20

LATHYRUS latifolius (Perennial Pea). Beautiful hardy perennial climbers of rapid growth. **Choice Mixed Colors**..... Oz. \$1.00, .10

***LAVENDER** (*Lavendula vera*). Ornamental plant bearing long spikes of fragrant blue flowers. 1½ ft. .15

LEMON VERBENA (*Aloysia citriodora*). Tender perennials with fragrant evergreen leaves.15

LINUM

- flavum.** Golden yellow. 1 ft.25
- perenne.** Blue. 1½ ft. ¼ oz. 50c., .15
- perenne.** White. 1½ ft. ¼ oz. 50c., .15

LOBELIA cardinalis (Cardinal Flower). Succeeds best in moist situations, flowers scarlet. August to October. 2 ft.25

LUPINUS (Lupine). Hardy and effective Spring flowering plants, with long spikes of pea-shaped flowers.

- polyphyllus, Blue**..... ¼ oz. 35c., .10
- Rose**..... ¼ oz. 50c., .15
- White**..... ¼ oz. 35c., .10
- Choice Mixed**..... Oz. \$1.00, .10

moerheimi. A beautiful variety of rather dwarf habit, long spikes of pink and white flowers.25

LUPINES, GOLD MEDAL "REGAL" The finest strain of Perennial Lupines in existence.

Award of Merit, Royal Horticultural Society

- Cleopatra.** Apricot flame.
- Buttercup.** Buttercup yellow.
- Delight.** Massive crimson lake.
- Golden Thoughts.** Rosy fawn.
- Joy.** Pink and yellow, dwarf.
- Joyce Blackburn.** Yellow, tinted bronze.
- Marjorie.** Beautiful shade of bronze.
- May Robinson.** Apricot fawn.
- Mrs. Metcalfe.** Orange scarlet, a glorious variety.
- Pink Pearl.** A distinct lovely pink.
- Queen of Hearts.** Pink and white bicolor.
- Winnie Walker.** Yellow, shaded bronze.

Any of the above 12 varieties. ¼ oz. \$1.50, .25

For **Other Varieties**, see page 5.



Pkt.

- LYCHNIS.** Handsome, hardy perennials with brilliantly colored flowers. Excellent for borders.
- arkwrighti.** Handsome new hybrids, including many distinct and attractive shades of color. \$0.25
- chalcedonica.** Scarlet. 2 ft.15
- White.** 2 ft.15
- haageana Hybrids Mixed.** Large flowering type, many fine colors. 2 ft.15
- LYTHRUM roseum superbum.** Erect spikes of rose-colored flowers. July to September. 4 ft.20
- MALVA moscheutos** (Swamp Mallow). Striking plants producing flowers like single Hollyhocks, but much larger; excellent for moist situations. July to September. 4 ft.
- albus.** Pure white. ¼ oz. 75c., .20
- roseus.** Pink. ¼ oz. 75c., .20
- MECONOPSIS cambrica** (The Yellow Welsh Poppy). Showy variety with pale yellow flowers; fine for rock-work.50
- baileyi.** Sky blue flowers with golden anthers.50
- MIMULUS cardinalis.** Large scarlet flowers. 1 ft.20
- tigrinus.** Tigered and spotted flowers.20
- moschatus.** Yellow, fragrant foliage.20
- MYOSOTIDEUM nobile.** Known as the New Zealand Giant Forget-me-not, bearing large corymbs of beautiful blue flowers, edged white. Height 1½ ft.50
- MYOSOTIS** (Forget-me-not). These dainty little flowers make beautiful close borders or edgings.
- alpestris Victoria.** Bright blue. 6 in. ¼ oz. \$1.00, .20
- Victoria.** White. 6 in. ¼ oz. \$1.00, .20
- Victoria.** Rose. 6 in. ¼ oz. \$1.00, .20
- Victoria.** Indigo blue. 6 in. ¼ oz. \$1.00, .20
- alpestris, "Blue Bouquet."** This massive blooming Forget-me-not is of wonderfully compact habit with unusually large flowers of a rich deep blue.35
- alpestris "Blue Ball."** Remarkably compact in habit, of almost globular shape. The flowers are of a deeper tint than the ordinary indigo blue.35
- dissitiflora.** Large, rich blue, excellent for pots. 9 in.25
- palustris semperflorens.** Large, blue flowers, blooms from Spring until late in the Autumn. 9 in.25
- Ruth Fischer.** Large pale blue; 6 in.25
- OENOTHERA** (Evening Primrose).
- fraseri.** Fine variety with large yellow flowers. 1½ ft. .15
- youngi.** Showy variety producing bright yellow flowers the entire Summer. 3 ft.15

M.-S. Co.'s CHOICE PANSIES

Our strains are saved from very choice selections and cannot be surpassed. Pkt.

- M.-S. CO.'S GIANT EXHIBITION.** Perfected strain, saved only from the largest and best shaped flowers, unsurpassed for form and colorings, handsomely marked and of great substance. ⅛ oz. \$3.00, \$1.00
- Masterpiece.** Curled, wavy petals— splendid colors, very distinct. ⅛ oz. \$1.00, .25
- Triumph of the Giants.** An excellent strain with exceptionally large, beautifully frilled and waved flowers. ⅛ oz. \$1.50, .25
- "SUPER" SWISS GIANTS.** Grand in size, form, color, and substance. The flowers are very large and borne on long stems. **Choice Mixed.** ⅛ oz. \$3.00, 1.00
- Ullswater.** Rich Wedgwood blue with deeper blue markings; enormous flowers. ⅛ oz. \$1.50, .50



Giant Pansies in Separate Colors Pkt.

Adonis. Light blue.....	1/4 oz.	\$1.50	\$0.20
Bronze Colored.	1/4 oz.	\$1.50,	.20
Cardinal. Brilliant red.....	1/4 oz.	\$1.50,	.20
Emperor. Dark blue.....	1/4 oz.	\$1.50,	.20
Golden Queen. Pure yellow.....	1/4 oz.	\$1.50,	.20
King of the Blacks. Almost black.....	1/4 oz.	\$1.50,	.20
Lord Beaconsfield. Purple violet, upper petals shading off to a light tint.....	1/4 oz.	\$1.50,	.20
Mauve Queen. Rosy lilac.....	1/4 oz.	\$1.50,	.20
Prince Bismarck. Light brown shades....	1/4 oz.	\$1.50,	.20
Prince Henry. Large, dark blue.....	1/4 oz.	\$1.50,	.20
Snowflake. Pure satiny white.....	1/4 oz.	\$1.50,	.20
Victoria. Deep claret.....	1/4 oz.	\$1.50,	.20

Giant Early-Flowering Pansies

This remarkable race of Pansies flowers fully six weeks earlier than the other varieties. Pkt.

Celestial Queen. Sky-blue.....	1/4 oz.	\$1.50,	\$0.20
Ice King. Silvery white with dark blue eye.	1/4 oz.	\$1.50,	.20
March Beauty. Dark velvety purple.....	1/4 oz.	\$1.50,	.20
Winter Sun. Golden yellow with dark eye.	1/4 oz.	\$1.50,	.20

Giant Winter-Flowering Pansies

A strong growing strain with enormous flowers of brilliant and varied colors, carried on sturdy stems 10-12 inches high. Pkt. (100 seeds) \$2.00

			Pkt.
PENTSTEMON. Showy, half-hardy perennials producing large spikes of bell-shaped flowers. Large flowering hybrids mixed.....			\$0.25
PHLOX decussata. Large heads of finely colored flowers. 3 ft.....			.25
PHYSALIS francheti (Chinese Lantern Plant). The fruit is deep red in color and enclosed in balloon-shaped husks of brilliant orange-red. 2 ft.....			.15
PLATYCODON (Wahlenbergia). Handsome hardy perennials, bearing large, bell-shaped flowers in great profusion. May to October. 2 ft.			
grandiflora. Deep blue.....			.15
grandiflora alba. Pure white.....			.15
POLEMONIUM (Jacob's Ladder).			
caeruleum grandiflorum. Hardy perennial with clusters of blue flowers. 2 ft.....			.15
caeruleum grandiflorum album. Pure white.....			.15
POLYANTHUS (Primula elatior). Fine, Spring blooming hardy perennials desirable for bedding out in Spring or for Winter flowering in the conservatory.			
Munstead Strain. A magnificent strain, producing wonderful shades of yellow as well as pure white flowers.....	1/8 oz.	\$2.00,	.50
Gold Laced. Brilliant colored flowers with distinct yellow edges.....			.25
Fancy Varieties, Mixed.....			.25
POPPY, Iceland (Papaver nudicaule).			
Baker's Sunbeam. An improved strain, very large flowers.			
Deep Yellow.....			.25
Orange.....			.25
White.....			.25
Choice Mixed Hybrids.....			.25
Gartref Hybrids Mixed. Very large, 4 to 5 in. across; beautiful art shades mixed.....			.35
Tangerine. Beautiful, fiery orange of great size....			.25
The Emperor. Deep tangerine orange with extremely large, overlapping petals.....			.25



ORIENTAL POPPIES

	Pkt.
Apricot Queen. Large apricot.....	\$0.25
Beauty of Livermere. Crimson, with black blotch, fine, large flowers.....	.50
Mrs. Perry. Orange apricot, very fine.....	.25
Perry's White. Immense pure white.....	.25
Princess Victoria Louise. Salmon-pink, very fine...	.25
Queen Alexandra. Pure rose.....	.25
Excelsior Hybrids.....	.25

POTENTILLA. Very desirable perennials with handsome, brilliant flowers and ornamental foliage. June to August. 2 ft.

Single Mixed Hybrids.....	.15
Double Mixed Hybrids.....	.25

PRIMULA, Hardy Varieties.

beesiana. Velvety purple, yellow eye. 16 in.....	.50
bullesiana Hybrids. Shades of yellow, orange, apricot, and carmine. 18 in.....	.50
cashmiriana. Lilac. 12 in.....	.75
denticulata Hybrids. Shades of white, lilac, rose, purple and blue. 12 in.....	.75
floridae. Yellow. 40 in.....	.50
japonica, Choice Hybrids. Mixed. 18 in.....	.25
kleyni. Golden yellow, shaded apricot.....	1.00
Lissadel Hybrid, Red Hugh. Orange-red. 24 in....	.75
vulgaris (Primrose).	
Dean's Colored Hybrids. 6 in.....	.50
caerulea (Blue Primrose). 6 in.....	.25
Yellow (English Yellow Primrose). 6 in.....	.25

PYRETHRUM. Showy, hardy perennials with brilliant and lasting flowers. 2 ft.

roseum hybridum. Single Mixed..... 1/8 oz. 75c.,	.15
hybridum. Double Mixed..... 1/8 oz. \$2.00,	.25
aureum (Golden Feather). Yellow, fernlike leaves..	.15

REHMANNIA angulata. Splendid half-hardy perennial with Gloxinia-like flowers of rosy purple with yellow throat. 3 ft..... .25

ROMNEYA coulteri (Giant White Californian Poppy). Beautiful half hardy perennial, fine, fragrant white flowers. 4 ft..... .25

RUDBECKIA newmanni. Magnificent golden-yellow flowers with maroon center. 3 ft..... .20

SALVIA sclarea. An attractive, hardy biennial, with mauve and silvery, leafy spikes of flowers. 2 ft.... .25

***SAPONARIA ocymoides.** Elegant trailing perennial with pretty rose colored flowers suitable for rockeries. .15

SCABIOSA caucasica. Large semi-double, pale lavender flowers; fine for cutting. June to August. 2 ft. .15

caucasica alba. A white form of the above..... .25

caucasica, Giant Hybrids. Caucasica hybrids are a great improvement over the Caucasica. The colors range from white to the darkest blue. 1/8 oz. \$1.50, .25

SIDALCEA, "Stark's Ryburgh Hybrids." The colors embrace all the tints of pink, from delicate blush to deep rose pink and carmine, also including the various tones of red to deep crimson.

Choice Mixed..... .50

Rose Queen. Each plant develops a sheaf of spikes 5 to 6 ft. high, well furnished with beautiful, rose-colored flowers during June and July..... .25

STATICE latifolia. Hardy perennial with large, branching heads of clear mauve flowers. 2 ft..... .15

STOKESIA cyanea. Popular perennial with large lavender-blue flowers; blooms all Summer. 2 ft.... .15



	Pkt.
SWEET ROCKET (<i>Hesperis matronalis</i>). Fragrant Spring flowering herbaceous perennial. 3 ft.	
Purple, White. Each.....	¼ oz. 50c., \$0.10
SWEET-WILLIAM (<i>Dianthus barbatus</i>). Splendid, old-fashioned hardy perennial, producing large heads of beautifully colored sweet-scented flowers. 1½ ft.	
Newport Pink. Salmon rose-pink.....	¼ oz. 75c., .15
Coppery Red	¼ oz. 75c., .15
Dark Crimson	¼ oz. 50c., .10
Scarlet Beauty. Brilliant scarlet.....	¼ oz. 75c., .15
Pure White	¼ oz. 50c., .10
Holborn Glory. The individual flowers and trusses are of extraordinary size, while the range of the color is superb.....	¼ oz. 50c., .10
Double Mixed	¼ oz. 60c., .15
THALICTRUM adiantifolium. Hardy plant with elegant foliage resembling that of the Maidenhair Fern, admirable for bouquets. 1 ft.....	.20
diptercarpum. Graceful species with pretty rosy-purple flowers. 2 ft.....	.25
TROLLIUS europæus. Large flowered variety of the Buttercup, bright yellow globular flowers. 2 ft....	.20
ledebouri, Golden Queen. The plant is very vigorous, grows from 3 to 4 ft. in height, but its chief value lies in the size of the flowers and the intense orange color.....	.50
VERBASCUM, Harkness Hybrids. Immense spikes, well furnished with large, pure yellow flowers during the whole Summer. Hardy perennial. 5 ft.....	.25
VERBENA venosa. A handsome half-hardy perennial with purple flowers, remaining in bloom for a long period. Blooms the first season from seed. 1 ft....	.15
VERBENA venosa Lilacina. Delicate lavender-blue. Height 1 ft.....	.25
*VERBENA erinoides (Moss-verbena). A low growing variety producing heads of purplish blue flowers from June until frost. Fine for rock gardens.....	.15
erinoides alba. Pure white.....	.15
VERONICA. Hardy perennial herbaceous plants of pyramidal habit. 1½-2 ft.	
longifolia. Long spikes of rich blue flowers.....	.15
spicata. Bright blue flowers.....	.20
*VIOLA cornuta (Horned Violets).	
Admiration. Large, dark blue.....	¼ oz. \$1.50, .25
Mauve Queen. Light blue.....	¼ oz. \$1.50, .25
Rose Queen. Rosy lilac.....	¼ oz. \$1.50, .25
White Perfection. Pure white.....	¼ oz. \$1.50, .25
Jersey Gem. Forms a large compact plant producing a continuous profusion of blooms. The flowers are a pleasing shade of deep violet blue.....	.25
Little Gem. A miniature "Jersey Gem," having smaller flowers on a much more compact plant. The color is a shade bluer than "Jersey Gem".....	.50
VIOLA hybrida (Tufted Pansies).	
Apricot	¼ oz. \$2.50, .25
Ardwell Gem. Large primrose.....	¼ oz. \$1.50, .25
Firmament. Sky blue.....	¼ oz. \$1.50, .25
Purple King. Purplish violet.....	¼ oz. \$1.50, .25
Snowdon. Pure white.....	¼ oz. \$1.50, .25
Lutea grandiflora. Yellow.....	¼ oz. \$1.50, .25
David Simpson. Lavender, marbled crimson.....	¼ oz. \$1.50, .25
WALLFLOWER. Half-hardy perennials of delightful fragrance, bearing in Spring and early Summer long spikes of bright flowers.	
Single Blood Red	¼ oz. 60c., .15
Single Cranford Beauty. Rich golden... ¼ oz. 60c., .15	.15
Single Harbinger. Light brown..... ¼ oz. 60c., .15	.15
Single Vulcan. Compact variety with immense deep blood red flowers..... ¼ oz. 60c., .15	.15
Choice Single Mixed ¼ oz. 50c., .15	.15
Choice Double Mixed ⅛ oz. \$1.00, .25	.25



General List of Vegetable Seeds

Artichoke

(*Cynara scolymus*)

One ounce will sow 100 feet of row Pkt. Oz.

- LARGE FRENCH GLOBE.** The standard variety.....\$0.25 \$1.00
- ARTICHOKE PLANTS.** See page 59.
- JERUSALEM TUBERS** (*Helianthus tuberosus*). Peck \$3.00.

Asparagus

(*Asparagus officinalis*)

One ounce will produce about 200 plants Pkt. Oz. ¼ lb.

- PALMETTO.** The most popular variety, early and prolific.....\$0.10 \$0.20 \$0.50
- CONOVER'S COLOSSAL.** Prolific and tender..... .10 .20 .50
- GIANT ARGENTEUIL.** Very large, thick green stalks..... .10 .20 .50
- MARY WASHINGTON.** Rust-resistant, vigorous, and of wonderful quality..... .25 .25 .75

Asparagus Roots. See page 59

Beans—Dwarf or Bush

(*Phaseolus vulgaris*)

GREEN-PODDED VARIETIES

One pound will plant 50 feet of drill

- BLACK VALENTINE STRINGLESS.** Lb. 2 lbs. 8 lbs.
A most desirable Bean with dark green, round pods borne in great quantities. It is entirely stringless, matures very early, and produces large quantities of attractive, fleshy Beans of a fine flavor.....\$0.45 \$0.85 \$3.20
- BOUNTIFUL.** Best of the flat-podded stringless varieties. Pods 6½ to 7 in. long, thick, flat and slightly curved, stringless attractive and of fine quality; color light green. Very early, vigorous, hardy and productive..... .45 .85 3.20
- EXTRA EARLY RED VALENTINE.** One of the earliest, round, thick, solid pods, tender and prolific..... .40 .75 2.80
- FULL MEASURE.** An excellent round-podded variety, producing enormous crops..... .45 .85 3.20
- GIANT STRINGLESS GREEN POD.** The large round pods are entirely stringless and extremely tender..... .45 .85 3.20
- LONGFELLOW.** Extra early, round pods, tender and stringless..... .45 .85 3.20
- MASTERPIECE.** The plant is robust in constitution, unusually prolific, and the long pods are straight, handsome and tender. As a quick grower under glass it has no equal..... .55 1.05 4.00
- REFUGEE 1,000 to 1.** Medium to late, round pods, a popular sort for canning... .40 .75 2.80
- THE PRINCE.** A variety of outstanding merit. It is an immense cropper and matures in advance of other well known early varieties. The green pods measure from 11 to 12 in. in length and are thick, fleshy and stringless. Highly recommended for forcing..... .80 1.55 6.00
- TENDERGREEN.** Strong, vigorous bushes laden with beautiful light green Beans measuring 7 in. long. They are round, very meaty, tender, and entirely stringless even when fully grown..... .45 .85 3.20



Beans—Dwarf or Bush

WAX-PODDED VARIETIES

	Lb.	2 lbs.	8 lbs.
IMPROVED GOLDEN WAX. The most popular and reliable Wax Bean. The pods are flat, straight and tender.....	\$0.45	\$0.85	\$3.20
PENCIL-POD BLACK WAX. Long, round stringless pods, free from fiber, and of the highest quality.....	.45	.85	3.20
WARDWELL'S KIDNEY WAX. An excellent main crop variety. The long, flat pods are fleshy, brittle and finely grained.....	.45	.85	3.20

DWARF SHELL BEANS

Lb. 2 lbs. 8 lbs.

DWARF HORTICULTURAL. An excellent shell Bean, also used as a green podded snap Bean.....	\$0.45	\$0.85	\$3.20
WHITE MARROW. The most popular of all shell beans.....	.40	.75	2.80
WHITE KIDNEY. The beans are larger and longer than the Marrow.....	.40	.75	2.80
WHITE NAVY (Pea Bean). A productive small white variety.....	.45	.85	3.20

Lima Beans—Dwarf or Bush

(Phaseolus lunatus)

One pound will plant a row of 50 feet Lb. 2 lbs. 8 lbs.

BURPEE'S IMPROVED BUSH LIMA. Considered the finest and largest Bush Lima ever introduced.....	\$0.50	\$0.95	\$3.60
FORDHOOK BUSH LIMA. The stiffly erect bushes branch freely and bear enormous crops. ....	.50	.95	3.60
HENDERSON'S BUSH LIMA. The beans are small, very productive.....	.45	.85	3.20

Lima Beans—Pole

Lb. 2 lbs. 8 lbs.

LEVIATHAN EXTRA EARLY. The earliest of the Pole Limas and is a heavy cropper.....	\$0.45	\$0.85	\$3.20
BURPEE'S GIANT PODDED. The pods are immense in size, and usually contain five large beans of the most delicious flavor. ....	.50	.95	3.60
CARPENTERIA. The seeds have a decided green tinge, even when old, which they retain after cooking.....	.50	.95	3.60
CHALLENGER, or POTATO. Large and thick, very productive.....	.50	.95	3.60
LARGE WHITE. The old standard variety. ....	.45	.85	3.20

Pole Beans

Lb. 2 lbs. 8 lbs.

KENTUCKY WONDER, or OLD HOME-STEAD. The most popular of all Pole String Beans. The pods are green, very long and stringless.....	\$0.45	\$0.85	\$3.20
GOLDEN CLUSTER WAX. The leading early Wax Pole Bean.....	.50	.95	3.60
SCARLET RUNNER. Used both as a string and shell Bean. Bright scarlet flowers, very ornamental.....	.50	.95	3.60

Beet

(Beta vulgaris)

One ounce will sow 50 feet of drill Pkt. Oz. ¼ lb. Lb.

M.-S. CO.'S RED GLOBE. This fine Beet supersedes all other Turnip rooted varieties in quality, shape and color. It is exceptionally early, deep red in color, handsome in appearance and of the finest flavor.....	\$0.15	\$0.50	\$1.50
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Broccoli

(Italian Sprouting)

A delicious vegetable having the combined flavor of Asparagus and Cauliflower. Requires the same treatment as Cauliflower. Pkt. 20c., $\frac{1}{4}$ oz. 50c., oz. \$1.25.

Cabbage

(*Brassica oleracea capitata*)

One ounce will produce 3,000 plants Pkt. Oz. $\frac{1}{4}$ lb.

BABY HEAD. Small round solid heads, fine for early use.....	\$0.15	\$0.85	\$2.50
COPENHAGEN MARKET. Early, large, round solid heads, short stem with few outer leaves of an upright growth.....	.10	.75	2.25
DANISH BALL HEAD. A medium sized solid heading sort, valuable for Winter use.	.10	.65	2.00
EARLY JERSEY WAKEFIELD. This variety is very popular and is considered the best early pointed headed sort.....	.10	.65	2.00
GOLDEN ACRE. The earliest of the round-headed varieties. The plant is small, dwarf and compact, heads of medium size, perfectly round and solid.....	.10	.75	2.25
LARGE LATE FLAT DUTCH. Produces a large, slightly flattened head of great solidity and fine texture.....	.10	.65	2.00
MAMMOTH ROCK RED. Round, solid heads of deep red color.....	.10	.75	2.25
SUCCESSION. A fine second early sort producing large, solid, flat heads.....	.10	.75	2.25
SAVOY PERFECTION DRUMHEAD. The hardest heading and best all-round Savoy Cabbage.....	.10	.65	2.00

Chinese, or Celery Cabbage

(PE-TSAI)

Pkt. Oz. $\frac{1}{4}$ lb.

This delicious Chinese vegetable belongs to the Cabbage family and closely resembles a Cos Lettuce but is heavier. It may be eaten raw as a salad or boiled like Cabbage.....

	\$0.10	\$0.50	\$1.75
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Carrot

(*Daucus carota*)

One ounce will sow 100 feet of drill

Pkt. Oz. $\frac{1}{4}$ lb. Lb.

CHANTENAY HALF-LONG. A splendid half-long, stump-rooted variety and one of the best for table use. The flesh is fine grained and free from core. Skin smooth and of a deep orange color.....	\$0.10	\$0.30	\$0.75	\$2.00
DANVERS IMPROVED HALF-LONG. A favorite sort, slightly longer than Chantenay, tapering to a blunt point.....	.10	.30	.75	2.00
EARLY HALF-LONG SCARLET NANTES. Smooth skin, red flesh, without any core. Fine for forcing.	.10	.30	.75	2.00
EARLY FRENCH FORCING. Early, tender and sweet.....	.10	.35	1.00	3.00
EARLY SCARLET HORN. A popular early sort.....	.10	.30	.75	2.00
GUERANDE, or OXHEART. Stump-rooted, specially adapted to shallow soil.....	.10	.30	.75	2.00
LONG ORANGE IMPROVED. A long variety of fine quality used both for field and garden culture...	.10	.30	.75	2.00



CARROT—Continued

	Pkt.	Oz.	¼ lb.	Lb.
LONG RED SURREY. A fine type of Long Red Carrot. Excellent for exhibition.....	\$0.10	\$0.35	\$1.00	\$3.00
KELWAY'S INTERMEDIATE. The brightest scarlet skin, and smoothest grain of all the half-long Carrots.	.10	.35	1.00	3.00
ST. VALERY. Intermediate in form between Danvers and Long Orange. Smooth and pointed. Color bright red.....	.10	.35	1.00	3.00
WHITE BELGIAN. Desirable for stock feeding.....	.05	.15	.50	1.50

Cauliflower

(*Brassica oleracea botrytis cauliglora*)

One ounce of seed produces about 3,000 plants

	Pkt.	¼ oz.	Oz.
M.-S. CO.'S EXTRA EARLY FORCING. The earliest Cauliflower in cultivation and the best strain for growing under glass. The heads are beautifully close and white, habit dwarf and compact.	\$0.50	\$3.00	\$10.00
EARLIEST DWARF ERFURT. Heads solid, compact, and snow white.....	.50	2.50	8.00
EARLY SNOWBALL. Selected strain, solid snow white heads.....	.25	1.50	5.00
DRY WEATHER, or DANISH GIANT. Specially recommended for growing in dry locations. The heads are large, pure white and of fine quality.....	.25	1.25	4.00
VEITCH'S AUTUMN GIANT. The best late sort, large and vigorous.....	.15	.50	1.50

Celery

(*Apium graveolens*)

One ounce of seed will produce 5,000 plants

	Pkt.	Oz.	¼ lb.
IMPROVED GOLDEN SELF BLANCHING (French Grown). Rich golden yellow, crisp, tender and of fine flavor.....	\$0.20	\$1.25	\$4.50
BOSTON MARKET. Popular variety of tender, mild flavor.....	.15	.60	2.00
COLUMBIA. The stalks are of medium height, very thick, round and crisp, blanching to a light golden yellow.....	.15	.60	2.00
EASY BLANCHING. A valuable sort. Color light golden and blanches very easily	.15	.75	2.50
GIANT PASCAL. Stalks solid and crisp, golden yellow heart, one of the best for Winter use.....	.15	.60	2.00
IMPROVED WHITE PLUME. Popular early variety that requires very little bleaching.....	.10	.60	2.00
LONDON RED. The stalks are deep red, solid, crisp and of a fine nutty flavor....	.15	.75	2.50
PINK PLUME. Large, and of fine quality.	.15	.75	2.50
WINTER KING. The most valuable Winter Celery.....	.15	.60	2.00
WINTER QUEEN. Broad, light green stalks, very solid and crisp, blanches well.	.15	.60	2.00

Celeriac, or Turnip-rooted Celery

(*Apium graveolens rapaceum*)

	Pkt.	Oz.	¼ lb.
GIANT SMOOTH PRAGUE. Large and smooth, the best sort.....	\$0.10	\$0.50	\$1.50

Chervil

(Anthriscus cerefolium)

One ounce will sow 150 feet of drill

	Pkt.	Oz.	¼ lb.
EXTRA CURLED. Beautifully curled, leaves resembling Parsley, used for garnishing and flavoring soups and salads...	\$0.10	\$0.35	\$1.00

Chicory

(Cichorium intybus)

	Pkt.	Oz.	¼ lb.
WITLOOF, or FRENCH ENDIVE. The stalks when bleached are used for salad..	\$0.10	\$0.50	\$1.50
LARGE ROOTED. The dried roots are roasted and used as a substitute for coffee.	.10	.35	1.00

Corn Salad

(Valerianella olitoria)

One ounce will sow 150 feet of drill

	Pkt.	Oz.	¼ lb.
LARGE SEEDED. Vigorous variety, large round grayish green leaves.....	\$0.10	\$0.25	\$0.75

Cress, or Peppergrass

(Lepidium sativum)

One ounce will sow 150 feet of drill

	Pkt.	Oz.	¼ lb.
EXTRA CURLED. The leaves make a delicious salad.....	\$0.10	\$0.20	\$0.50
TRUE WATER CRESS. For growing along banks of streams or moist situations.....	.20	.75	....

Corn—Sweet or Sugar

(Zea mays)

One pound will plant 100 hills

Lb. 2 lbs. 8 lbs.

BANTAM EVERGREEN. Ears 8 in. long and 12-rowed. The grains are deep and of a rich golden yellow. Medium early....	\$0.40	\$0.75	\$2.80
BLACK MEXICAN. One of the sweetest, bluish black when ripe, medium early....	.40	.75	2.80
COUNTRY GENTLEMAN. Well-known late variety of excellent quality.....	.40	.75	2.80
DE LUE'S GOLDEN GIANT. Matures about a week later than Golden Bantam. The ear is very much larger than the "Bantam," and the sugar content is almost as great.....	.40	.75	2.80
EARLY MAYFLOWER. A fine extra early variety, with large, well-filled ears, very sweet and tender.....	.40	.75	2.80
GOLDEN BANTAM. Early golden yellow, ears 6-7 in. long, 8-rowed. Delightful rich, sweet flavor.....	.40	.75	2.80
GOLDEN CREAM. An early variety with rich cream-colored grains, fine quality, very tender and sweet.....	.40	.75	2.80
GOLDEN CROSS BANTAM. Most wilt-resistant and highest yielder of all yellow, Sweet Corns. Ears 8 in., 12 rowed and matures in 86 days.....	.75	1.45	5.60
GOLDEN SUNSHINE. An improved Golden Bantam with 12 rows of luscious Corn to each ear. Cobs measure 6½ in. long.....	.40	.75	2.80
HOWLING MOB. One of the finest second early sorts, large ears, very productive...	.40	.75	2.80
KENDEL'S EARLY GIANT. A large eared second early variety of excellent quality.....	.40	.75	2.80



CORN, SWEET or SUGAR

KINGSCROST GOLDEN BANTAM. Ma- tures 4-5 days later than Golden Bantam, having 10-14 rows of light golden yellow kernels. (Wilt-resistant).....	Lb.	2 lbs.	8 lbs.
	\$0.75	\$1.45	\$5.60
MARCROSS 39. Ears 7½ in. long, 12- to 16-rowed with light yellow kernels of good quality. (Wilt-resistant).....	.75	1.45	5.60
SPANISH GOLD. A yellow Corn of the Bantam type, and considered the earliest variety. The ear is about 6 in. long and the stalks grow to a height of 3½ ft.....	.40	.75	2.80
STOWELL'S EVERGREEN. Large ears of excellent quality.....	.40	.75	2.80
TENDERGOLD. This also is known as Top-Cross Golden Sunshine. The ears are 7 to 8 in. long and are set with 12 rows of sweet, creamy yellow kernels. (Wilt- resistant).....	.75	1.45	5.60

Cucumber

(*Cucumis sativus*)

One ounce will plant 50 hills

	Pkt.	Oz	¼ lb.
DAVIS' PERFECT. An extra long, dark green type of White Spine, retains its color and good qualities long after being picked.	\$0.10	\$0.25	\$0.75
EARLY FORTUNE. The finest type of White Spine yet introduced. Early, very productive and disease resistant. Flesh white, very firm and crisp.....	.10	.25	.75
IMPROVED EARLY WHITE SPINE. One of the very earliest of the White Spines..	.10	.25	.75
IMPROVED LONG GREEN. A standard late, well-known table sort.....	.10	.25	.75
CHICAGO PICKLING. Considered the best pickling sort.....	.10	.25	.75

ENGLISH FORCING CUCUMBERS

Pkt.

IMPROVED TELEGRAPH. The most popular variety. Prolific and handsome.	\$0.30	....	....
LOCKIE'S PERFECTION. Fine shape and color.....	.30	....	....

Eggplant

(*Solanum melongena*)

One ounce will produce about 2,000 plants

	Pkt.	½ oz.	Oz.
NEW YORK IMPROVED PURPLE (Spineless). Plants produce four to six large oval fruits of dark purple color....	\$0.10	\$0.40	\$0.75
BLACK BEAUTY. Earlier, but not as large as New York Purple.....	.10	.40	.75
LONG PURPLE. Fruits 6-8 in. long. Early and productive.....	.10	.40	.75

Endive

(*Cichorium endivia*)

One ounce will sow about 100 feet of drill

	Pkt.	Oz.	¼ lb
BROAD-LEAVED BATAVIAN (<i>Esca-</i> <i>rolle</i>). One of the best varieties for salads. Leaves broad, bright deep green.....	\$0.10	\$0.25	\$0.75
GREEN CURLED. The most hardy and vigorous sort.....	.10	.25	.75
MOSS CURLED. More compact than Green Curled.....	.10	.25	.75
WHITE CURLED. Very tender and blanches readily.....	.10	.25	.75

Kohl-Rabi

(*Brassica oleracea, Caulo-rapa*)

	Pkt.	Oz.	¼ lb.
SHORT-LEAVED WHITE VIENNA. Ex- tremely early with small tops.....	\$0.10	\$0.35	\$1.00
EARLY PURPLE VIENNA. Early, me- dium size and purple in color, flesh white.	.10	.35	1.00



Leek

(Allium porrum)

One ounce will sow 200 feet

	Pkt.	Oz.	¼ lb.
LARGE AMERICAN FLAG. The favorite variety, large and vigorous.....	\$0.10	\$0.35	\$1.00
MUSSELBURGH. Very hardy, large and extra fine quality.....	.10	.35	1.00
PRIZETAKER. The finest exhibition Leek in cultivation. The long thick, pure white stems have a most attractive appearance. .20	.20	1.00	3.25

Lettuce

(Lactuca sativa)

HEADING VARIETIES

One ounce will sow 100 feet of drill

	Pkt.	Oz.	¼ lb.
ALL SEASONS. Large, medium, late heading sort.....	\$0.10	\$0.30	\$0.75
BIG BOSTON IMPROVED. Popular for outside culture as well as for forcing. Head large and compact, color light green, slightly tinged reddish brown.....	.10	.30	.75
BOSTON MARKET. Medium in size, early loose heading sort.....	.10	.30	.75
DEACON. Heads globular, somewhat flattened, excellent quality.....	.10	.30	.75
GOLDEN QUEEN. A small variety of compact habit, forming yellowish-green heads. .15	.15	.40	1.25
HANSON IMPROVED. One of the most reliable sure heading sorts. Stands the heat well.....	.10	.30	.75
ICEBERG. Large, late, crisp, heading variety.....	.10	.30	.75
MAY KING. Extremely early, compact heading variety.....	.10	.30	.75
MIGNONETTE. Small, early and compact. .10	.10	.35	1.00
NEW YORK, or WONDERFUL. Large, late globular heading variety.....	.15	.35	1.00
SALAMANDER. Heads of medium size, solid, compact, globular in form; succeeds under most trying weather conditions... .10	.10	.30	.75
TENNIS BALL (Black-seeded). A very reliable, sure-heading variety; heads globular and firm.....	.10	.35	1.00
WAYAHEAD. Very early, sure heading variety.....	.10	.30	.75
WHITE BOSTON. Resembles Big Boston in size, solidity and general appearance, excepting it is minus the red edge so common in that variety.....	.10	.35	1.00

LOOSE-LEAVED VARIETIES

SIMPSON EARLY CURLED. Does not head but forms a close, compact mass of leaves.....	.10	.30	.75
GRAND RAPIDS. The favorite loose leaved forcing Lettuce, handsome and attractive. .10	.10	.30	.75

COS VARIETIES (ROMAINE)

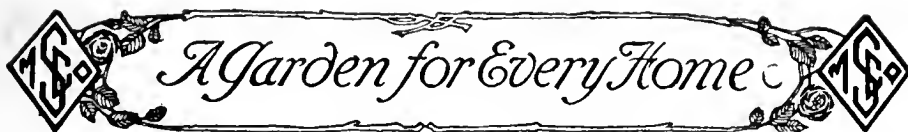
PARIS WHITE COS. Long, smooth, narrow, upright leaves.....	.10	.30	.75
TRIANON COS. Early, self-closing.....	.10	.30	.75

Melon—Musk

(Cucumis melo)

One ounce will plant 60 hills

	Pkt.	Oz.	¼ lb.
BENDER'S SURPRISE. Almost round of medium size, thick, pink flesh of excellent quality.....	\$0.10	\$0.35	\$1.00
EMERALD GEM. Fine early variety. Fruits emerald green in color, globular, or slightly flattened, flesh very thick, of a rich salmon color.....	.10	.30	.75



MELON—MUSK—Continued

	Pkt.	Oz.	¼ lb.
HACKENSACK EXTRA EARLY IMPROVED. Matures very early; a large round Melon of fine quality, flesh green..	\$0.10	\$0.30	\$0.75
HEARTS OF GOLD. Orange flesh, thick, firm, and of fine texture.....	.10	.30	.75
HONEY DEW. Fruit large, round to oval in shape, skin smooth, hard and creamy white. Flesh light green.....	.10	.30	.75
ROCKY FORD. A very popular and well known sort, fruits are oval. Flesh rich, green and very sweet.....	.10	.30	.75

ENGLISH FORCING VARIETIES

	Pkt.
SUTTON'S BEST OF ALL. Flesh very thick, deep green in color, splendid flavor.....	\$0.75
SUTTON'S EMERALD GEM. Flesh unusually thick, of a rich green color, superb in flavor.....	1.00
SUTTON'S KING GEORGE. A distinct scarlet-fleshed Melon, skin buff yellow, finely netted.....	.75
SUTTON'S PERFECTION. Flesh green, fruit medium size, and attractively netted.....	.75
SUTTON'S SUPERLATIVE. Scarlet flesh, rich flavor	1.00

Melon—Water

(*Citrullus vulgaris*)

One ounce will plant 30 hills

	Pkt.	Oz.	¼ lb.
COLE'S EARLY. One of the best of the early sorts, nearly round, flesh deep pink, seeds black.....	\$0.10	\$0.20	\$0.60
KLECKLEY'S SWEETS. Oblong in form, dark green, flesh bright rich red, seeds white.....	.10	.20	.60
MOUNTAIN SWEET. An old popular sort, oblong in form, flesh red, of good quality.....	.10	.20	.60
STONE MOUNTAIN. Large, green, nearly round, scarlet flesh.....	.10	.20	.60
TOM WATSON. One of the best main crop varieties, and grows to a large size. Fruit long, flesh rich red and of excellent quality. Seeds white.....	.10	.20	.60
CITRON, Red-Seeded. The old red-seeded preserving Melon.....	.10	.20	.60

Mushroom Spawn

Ten bricks will spawn about 10 feet square

- AMERICAN PURE CULTURE.** Per brick 40c., 10 bricks \$3.75.
- BOTTLE SPAWN.** One quart will spawn 35 square feet. Per quart bottle \$1.25.

Mustard

(*Sinapis*)

	Pkt	Oz.	¼ lb.
WHITE LONDON. Best variety for salad.	\$0.10	\$0.20	\$0.50
FORDHOOK FANCY. A vigorous growing mild variety, leaves dark green, curled and fringed; fine for salads and garnishings...	.10	.20	.50
GIANT SOUTHERN CURLED. Upright spreading growth, leaves large, light green, tinged yellow.....	.10	.20	.50

Okra, or Gumbo

(*Hibiscus esculentus*)

One ounce will plant 100 hills

	Pkt.	Oz.	¼ lb.
PERKINS' LONG POD. One of the best and most productive.....	\$0.10	\$0.20	\$0.50
WHITE VELVET. Pods long, of a velvety white color.....	.10	.20	.50



Onion

(Allium cepa)

One ounce will sow 100 feet of drill Pkt. Oz. ¼ lb.

AILS CRAIG SELECTED. Handsome, oval shape, pale straw-colored skin. Flesh white and mild. (English grown).....	\$0.25	\$1.00	\$3.50
BEST OF ALL. This excellent variety possesses in a high degree all the qualities sought for in an Onion. It is of almost perfectly globular form with a very slender neck and bright, straw-colored skin. Grows to a great size and as a keeper is second to none. (English grown).....	.25	1.50	5.00
GIGANTIC GIBRALTAR. A mammoth Onion resembling Prizetaker, but grows to a much larger size.....	.20	.75	2.50
LARGE RED WETHERSFIELD. Fine, large, flat sort, one of the best known types..	.10	.40	1.25
PRIZETAKER. Large, globe-shape of a light straw color, flesh mild.....	.10	.45	1.50
SOUTHPORT RED GLOBE. The best of the red Onions.....	.10	.45	1.50
SOUTHPORT WHITE GLOBE. True globe form, flesh fine grained and exceedingly mild.....	.10	.50	1.75
SOUTHPORT YELLOW GLOBE. Deep yellow, flesh white, crisp and mild.....	.10	.45	1.25
VICTORIA CROSS. The bulbs are globe-shaped, skin clear yellow, and attain a great size, fine exhibition sort.....	.25	1.00	3.50
WHITE PICKLING. A rapid-growing, small variety, fine for pickling and bunching.....	.10	.40	1.25
WHITE PORTUGAL. A large, flat white Onion of mild and pleasant flavor.....	.10	.40	1.25
YELLOW GLOBE DANVERS. The standard variety for main crops.....	.10	.40	1.25
EBENEZER or JAPANESE. Yellowish brown skin, white flesh, firm, solid and mild.	.10	.40	1.25

Onion Sets

	Qt.	Pk.
RED ONION SETS	\$0.40	\$2.75
WHITE ONION SETS.....	.50	3.00
YELLOW ONION SETS.....	.40	2.75
	Lb.	5 lbs.
EBENEZER or JAPANESE SETS	\$0.40	\$1.75
SHALLOTS.....	.60	10 lbs. \$3.25

Parsley

(Carum petroselinum)

One ounce will sow 150 feet of drill Pkt. Oz. ¼ lb.

DOBBIE'S EXHIBITION. A dwarf and compact variety exquisitely curled; unsurpassed for exhibition.....	\$0.15	\$0.35	\$1.00
TRIPLE CURLED. Leaves dark green and beautifully curled, the most useful sort...	.10	.20	.50
HAMBURG, or ROOTED. Grown for its roots, which are used for flavoring soups..	.10	.20	.50

Parsnip

(Pastinaca sativa)

One ounce will sow 200 feet of drill Pkt. Oz. ¼ lb.

AMERICAN HOLLOW CROWN. Better known and more generally grown than any other sort. The long, smooth roots are tender and sugary.....	\$0.10	\$0.20	\$0.60
KELWAY'S DON. The handsome form, size, whiteness of skin and flesh makes this variety specially valuable for exhibition..	.10	.30	1.00



Peas

(*Pisum sativum*)

EXTRA EARLY VARIETIES

	Lb.	2 lbs.	8 lbs.
<i>One pound will plant 50 feet of drill</i>			
FIRST OF ALL. Standard extra early prolific smooth Pea, height 2½ ft.	\$0.40	\$0.75	\$2.80
ALASKA. Extra early round blue seeded variety. Suitable for canning. Height 2 ft. ....	.40	.75	2.80
GRADUS, or PROSPERITY. Early large-podded variety of exquisite flavor. Height 3 ft. ....	.40	.75	2.80
BLUE BANTAM. A splendid, large-podded dwarf variety of the Laxtonian class. Height, 15 in. ....	.40	.75	2.80
EARLY BIRD (Imported). A wonderful extra early, semi-wrinkled Pea, unsurpassed for extreme earliness, superb quality and unusual productiveness. Height 4 ft. ....	.50	.95	3.60
LAXTONIAN. A large podded dwarf variety on the order of Gradus. Height, 1½ ft. ....	.45	.85	3.20
LAXTON'S PROGRESS. The earliest large podded dwarf Pea. Height 18 in. Four days earlier than Laxtonian. ....	.45	.85	3.20
LITTLE MARVEL. An extra fine dwarf Pea, remarkably prolific. ....	.45	.85	3.20
NOTT'S EXCELSIOR. Early and prolific. Height 1 ft. ....	.40	.75	2.80
SUTTON'S EXCELSIOR. An improvement on Nott's Excelsior, with larger pods and greater productiveness. Height 16 in. ....	.40	.75	2.80
THE PILOT. The best round-seeded blue variety, producing pods of the Gradus type, hardy and prolific. Height 2½ ft. ....	.45	.85	3.20
WORLD'S RECORD. Pods 4 in. long, broad, pointed and well filled with 7 to 9 large, dark green peas of exceptional quality. Height 2 ft. ....	.45	.85	3.20

SECOND EARLY AND MAIN CROP VARIETIES

	Lb.	2 lbs.	8 lbs.
ADMIRAL BEATTY (Imported). A splendid second early Pea. The long, pointed pods are excellent in form and quality. Robust, attains a height of 3 to 4 ft.	\$0.50	\$0.95	\$3.60
ALDERMAN. Of the Telephone type but with darker pods and peas. Height 5 ft. ....	.40	.75	2.80
CHAMPION OF ENGLAND. One of the best flavored late Peas. Height 5 ft. ....	.45	.85	3.20
DWARF TELEPHONE, or DAISY. Large dark green pods, containing 8-9 green peas of the best quality. Height 2½ ft. ....	.45	.85	3.20
DWARF CHAMPION. Large pods, vigorous grower. Height 3 ft. ....	.40	.75	2.80
POTLATCH. Pods 4½ in. long, slightly curved, containing 8 to 9 medium green peas. Height 3 ft. ....	.45	.85	3.20
PRIZE WINNER. A fine main crop Pea on the order of Stratagem. Height 2½ ft. Pods dark green, 4½ in. long, very broad, straight and pointed. ....	.45	.85	3.20
QUITE CONTENT (Imported). Enormous pods containing 9-10 large green peas of the best quality. Height 5 ft. ....	.50	.95	3.60
TELEPHONE. An old standard high quality large podded Pea. Height 5 ft. ....	.40	.75	2.80
THE V. C. (Imported). The largest podded Pea in cultivation. The pods contain 12-13 peas of superior flavor. Height 6 ft. ....	.75	1.45	5.60

Pepper

(*Capsicum annum*)

	Pkt.	¼ oz.	Oz.
<i>One ounce will produce about 2,000 plants</i>			
CHINESE GIANT. The largest of the mild red varieties.	\$0.15	\$0.30	\$1.00



PEPPER—Continued Pkt. ¼ oz. Oz.

LARGE BELL, or BULL NOSE. A standard early variety.....	\$0.10	\$0.25	\$0.75
LONG RED CAYENNE. Bright red slender pods, hot and pungent.....	.10	.25	.75
NEAPOLITAN. Early, sweet and mild. Fruit 4 in. x 2 in., and bright red in color.	.10	.25	.75
RED CHILI. Fruit about 1½ in. long, cone-shaped, bright red, and very hot....	.15	.25	.75
RUBY KING. Fruits 4-6 in. long by 3-4 in. thick, of a bright ruby-red color. Flesh thick, sweet and mild.....	.10	.25	.75
SWEET MOUNTAIN. Large and handsome, mild flavor.....	.10	.25	.75
WORLDBEATER. A very large Pepper, being a cross between Chinese Giant and Ruby King. 5 in. long, 3¼ in. diameter. Very sweet.....	.15	.25	.75

Potatoes

(*Solanum tuberosum*)

MAINE GROWN

Ten bushels cut tubers will plant one acre

BEAUTY OF HEBRON. Flesh colored skin, pure white flesh, very productive.....	Market Price
DIBBLE'S RUSSET. Considered one of the best main crop varieties.....	Market Price
CARMAN NO. 1. A popular late sort.....	Market Price
EARLY ROSE. Early, productive and of excellent quality.....	Market Price
GOLD COIN. A splendid main crop variety, very productive.....	Market Price
GREEN MOUNTAIN IMPROVED. A well-known late sort. Skin smooth and white....	Market Price
IRISH COBBLER. One of the best early varieties.....	Market Price

Pumpkin

(*Cucurbita pepo*)

One ounce will plant 50 hills

	Oz.	¼ lb.	Lb.
CONNECTICUT FIELD. Grown in Corn fields for stock.....	\$0.20	\$0.45	\$1.25
LARGE CHEESE. Large, round, flattened fruits, the best for family use.....	.20	.60	1.50
MAMMOTH TOURS. Very large, salmon-orange skin.....	.25	.75	2.25
SMALL SUGAR. Fruits small, round, skin and flesh orange-yellow.....	.20	.60	1.50
YELLOW CUSHAW. A large, curved neck meaty variety. Flesh and shell rich yellow.	.25	.75	2.25
WINTER LUXURY. Round, medium in size, with golden yellow skin.....	.20	.60	1.50

Radish

(*Raphanus sativus*)

One ounce will sow 100 feet of drill

	Oz.	¼ lb.	Lb.
EARLY SCARLET TURNIP. Well known sort, quick grower.....	\$0.25	\$0.50	\$1.50
EARLY SCARLET GLOBE. An early forcing variety, doing equally well outside.	.25	.50	1.50
EARLY SCARLET TURNIP, WHITE TIPPED. Round deep scarlet shading to a white tip at the bottom.....	.25	.50	1.50
FRENCH BREAKFAST. Oblong form, small and quick grower, scarlet, white tip.	.25	.50	1.50
ICICLE. The leading, long white Radish, and one of the earliest.....	.25	.50	1.50
LARGE WHITE SUMMER TURNIP. Round, pure white, an excellent Summer variety.....	.25	.50	1.50
LONG SCARLET SHORT TOP. Roots smooth and tender, of a bright carmine red color.....	.25	.50	1.50
NON PLUS ULTRA, or FIREBALL. Bright scarlet, one of the best forcers.	.25	.50	1.50



RADISH—Continued

FALL, OR WINTER VARIETIES

	Oz.	¼ lb.	Lb.
LONG BLACK SPANISH	\$0.25	\$0.60	\$1.75
ROUND BLACK SPANISH.....	.25	.60	1.75
ROSE CHINA . Roots are blunt at both ends. Skin deep rose color.....	.25	.60	1.75

Salsify, or Oyster Plant

(*Tragopogon porrifolius*)

One ounce will sow 75 feet of drill Pkt. Oz. ¼ lb.

MAMMOTH SANDWICH ISLAND . The best variety grown.....	\$0.10	\$0.35	\$1.00
SCORZONERA (Black Oyster Plant).....	.10	.60	1.75

Sorrel

(*Rumex scutatus*)

One ounce will sow 150 feet of drill Pkt. Oz. ¼ lb.

LARGE-LEAVED FRENCH . Used in salads.....	\$0.10	\$0.30	\$1.00
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Spinach

(*Spinacia oleracea*)

One ounce will sow 100 feet of drill Oz. ¼ lb. Lb.

BLOOMSDALE SAVOY-LEAVED . Very early and hardy, curled and wrinkled....	\$0.15	\$0.30	\$0.75
KING OF DENMARK . A fine, long-season Spinach, large, crumpled, deep green leaves.....	.20	.35	1.00
LARGE VIROFLAY . Leaves broad, thick and arrow-shaped.....	.15	.30	.75
LONG SEASON . Plant makes a dense, flat rosette, leaves broad, thick, arrow-shaped and pointed.....	.15	.30	.75
LONG STANDING . A popular standing Summer Spinach.....	.15	.30	.75
PRINCESS JULIANA . Long season, with large, crumpled, dark green leaves.....	.20	.35	1.00
PRICKLY, or WINTER . Vigorous, hardy.....	.20	.35	1.00
VICTORIA . Leaves long, thick and wrinkled, dark green in color.....	.15	.30	.75
NEW ZEALAND . Entirely distinct plant, tall and spreading with numerous side shoots, can be picked continuously throughout the Summer.....	.25	.60	1.50

Squash

(*Cucurbita maxima*)

One ounce Early Squash will plant 25 hills

One ounce Marrow Squash will plant 50 hills

SUMMER BUSH VARIETIES Oz. ¼ lb.

ACORN, or TABLE QUEEN . Acorn-shaped, fruits 6 in. long and 4 in. in diameter. Dark green shell, flesh light yellow.....	\$0.30	\$1.00
COCUZELLA (Italian Vegetable Marrow). Fruits oblong, color dark green.....	.30	1.00
GIANT SUMMER CROOKNECK . The largest and one of the earliest of the Summer varieties, very warty and deep orange in color.....	.25	.75
WHITE BUSH SCALLOPED . Very early, fruits creamy white, flattened and scalloped.....	.25	.75
VEGETABLE MARROW . Oblong, shell pale yellow, flesh white.....	.30	1.00
ZUCCHINI . A small, short type of Cocozella, 12 to 18 in. long. Skin dark green, becoming lightly mottled and striped yellow at maturity.....	.30	1.00

FALL AND WINTER VARIETIES Oz. ¼ lb.

BOSTON MARROW . Shell bright orange, flesh yellow and firm.....	\$0.25	\$0.75
GOLDEN HUBBARD . Shell orange red, flesh deep orange.....	.30	1.00
IMPROVED HUBBARD . Well known, the popular late Squash.....	.25	.75



Tomato

(Lycopersicum esculentum)

One ounce will produce 1,500 plants

FORCING VARIETIES

	Pkt.	¼ oz.
CARTER'S SUNRISE. Rich scarlet, medium sized, a fine forcer.....	\$0.25	\$1.00
LISTER'S PROLIFIC. An enormous cropper, producing large clusters of bright scarlet fruit of the finest quality.....	.25	1.00
STIRLING CASTLE. A well known and popular forcing variety.....	.15	.50
SUTTON'S WINTER BEAUTY. Medium sized scarlet fruit, attractive and productive.....	.25	1.00

OUTDOOR TOMATOES

	Pkt.	Oz.
ACME. A popular early sort.....	\$0.10	\$0.75
BONNY BEST. A fine early variety, smooth, solid and uniform, color bright red.....	.10	.60
BREAK O'DAY. Early, globe shape, scarlet. (Disease-resistant).....	.10	.60
EARLIANA. Considered the earliest and one of the best early sorts.....	.10	.60
ESSEX WONDER. We strongly recommend this excellent variety to all growers of Tomatoes. Its cropping powers are extraordinary and for quantity and good quality, cannot be surpassed.....	.35	....
JOHN BAER. One of the earliest, dwarf plants, fruits medium size. A valuable sort.....	.10	.60
MARGLOBE. Perfect globe-shape and deep scarlet in color; meaty and almost coreless. A very productive variety.....	.15	.75
PONDEROSA. One of the largest and best known varieties.....	.15	.75
PRITCHARD, or SCARLET TOPPER. A new variety of exceptional quality, being very solid, meaty, of fine flavor and small seed cavity. Starting to bear fruit with the early varieties and continuing to yield throughout the season. Globular in shape, color scarlet-red; disease-resistant.....	.15	.75
STONE. The standard sort, vigorous and productive.....	.10	.60
GOLDEN QUEEN. Large yellow.....	.15	.75

SMALL-FRUITED TOMATOES

RED PLUM. Plum-shaped.....	\$0.15	\$0.75
YELLOW PLUM. Plum-shaped.....	.15	.75
RED PEAR. Pear-shaped.....	.15	.75
YELLOW PEAR. Pear-shaped.....	.15	.75
RED PEACH. Resembles a Peach in size and shape.....	.15	.75
RED CHERRY.....	.15	.75
YELLOW CHERRY.....	.15	.75
RED CURRANT.....	.15	.75
STRAWBERRY, or HUSK TOMATO. The fruit is yellow, and enclosed in a husk. The plant is of dwarf, spreading growth.....	.15	1.00

Turnip

(Brassica rapa)

One ounce will sow 150 feet of drill

	Pkt.	Oz.	¼ lb.	Lb
M.-S. CO.'S WHITE MODEL. The earliest and most perfectly-formed round, white Turnip. Flesh snowy white, solid, and mild in flavor. Admirably adapted for forcing.....	\$0.15	\$0.35	\$1.00	....
EARLY SNOWBALL. Early, medium size, round, pure white skin and flesh.....	.10	.20	.50	\$1.25
EXTRA EARLY WHITE MILAN. The earliest variety in cultivation..	.10	.20	.60	1.25



TURNIP—Continued

	Pkt	Oz.	¼ lb.	Lb.
QUICKSILVER. The quickest growing round white Turnip. Perfectly globe-shape, white skinned, with solid flesh.....	\$0.10	\$0.30	\$0.85	....
PURPLE TOP WHITE GLOBE. A standard variety. good keeper....	.10	.20	.50	\$1.25
RED TOP STRAP-LEAVED. One of the best table varieties.....	.10	.20	.50	1.25
IMPROVED GOLDEN BALL. Golden yellow, globe-shaped.....	.10	.20	.50	1.25
YELLOW STONE. Roots medium size and uniform, perfect globe-shape.....	.10	.20	.50	1.25

Turnip

RUTABAGA, or SWEDISH
(*Brassica campestris*)

	Pkt.	Oz.	¼ lb.	Lb.
LONG ISLAND IMPROVED PURPLE TOP. Roots globular and grows to a large size, with small, short neck, skin and flesh bright yellow.....	\$0.10	\$0.20	\$0.50	\$1.25
WHITE FRENCH. An excellent white variety.....	.10	.20	.50	1.25

Herbs—Sweet and Medicinal

	Pkt.	Oz.
ANISE. Used for flavoring.....	\$0.10	\$0.40
BASIL, SWEET. Used for flavoring soups.....	.10	.40
BORAGE. The leaves are used in salads.....	.10	.40
CARAWAY. The seeds are used in cakes.....	.10	.25
CORIANDER. Seeds used for flavoring.....	.10	.25
DILL. Seeds are used for flavoring.....	.10	.25
FENNEL, SWEET. For flavoring.....	.10	.40
FENNEL, FLORENCE. In flavor resembles Celery.....	.10	.40
HOREHOUND. Useful for its tonic properties... ..	.10	.50
LAVENDER. For oil and distilled water.....	.10	.50
MARJORAM, SWEET. Used in seasoning.....	.10	.50
ROSEMARY. Yields an aromatic oil and water. . . . .	.15	.75
SAGE. A culinary herb, also used in medicines..	.10	.50
SAVORY, SUMMER. Used as a culinary herb..	.10	.50
THYME, BROAD-LEAVED. Used as a seasoning	.15	1.00
WORMWOOD. Has medicinal qualities.....	.10	.50

Popular Herb Plants

	Doz.	100
CHIVES (<i>Allium schoenoprasum</i>).....	\$3.00	\$20.00
LAVENDER (<i>Lavandula vera</i>).....	3.00	20.00
MINT (<i>Mentha viridis</i>).....	3.00	20.00
PEPPERMINT (<i>Mentha piperita</i>).....	3.00	20.00
ROSEMARY (<i>Rosmarinus officinalis</i>).....	3.00	20.00
TARRAGON (<i>Artemisia dracunculus</i>).....	5.00	....
THYME (<i>Thymus vulgaris</i>).....	3.00	20.00

Esculent Roots and Plants

	100	1000
ASPARAGUS ROOTS		
MARY WASHINGTON. Rust-resistant, vigorous and of wonderful quality. The shoots are large, straight and dark green in color. 3-year-old.....	\$4.50	\$40.00
PALMETTO. 3-year-old.....	3.00	25.00
	Doz.	100
ARTICHOKE PLANTS, Green Globe	\$3.00	\$20.00
HORSERADISH ROOTS, Maliner Kren.....	....	2.50
RHUBARB ROOTS. Extra strong.....	4.50	35.00



Lawn Seed Mixtures

M.-S. Co.'s Special Lawn Grass Mixture

Weight per measured bushel, 28 to 30 lbs.

Our Special Lawn Grass Mixture is composed solely of the finest and heaviest seeds in the following varieties, carefully blended: **Chewings Fescue, Kentucky Blue Grass, Fancy Red Top, Rough Stalked Meadow Grass, Pacey's English Rye Grass.**

Lawn Grass Mixtures at a much lower price are very often sold, but the use of these can only lead to disappointment, if a really fine lawn is desired. This mixture is the very best that can be procured.

For new lawns we recommend sowing 100 lbs. to the acre. For renovating lawns use half of this quantity. 25 lbs. \$13.00. 100 lbs. \$50.00.

The above mixture with GERMAN BENT, 25 lbs. \$14.00, 100 lbs. \$55.00

Central Park Lawn Grass Mixture

Weight per measured bushel 20 lbs.

A well-known mixture of high grade grasses that is still desired by many. 25 lbs. \$11.50. 100 lbs. \$45.00.

"Shady Place" Lawn Grass

This mixture is composed of grasses that are naturally adapted for growing under trees and shaded situations. 25 lbs. \$14.00. 100 lbs. \$55.00.

Lawn Restoring Grass Mixture

A mixture of grasses suited to take firm hold and grow quickly on hard, worn out or burned spots. 25 lbs. \$13.00. 100 lbs. \$50.00.

Lawn Tennis Grass Mixture

Composed of fine-leaved, deep rooting grasses that will produce a fine, close, elastic turf. 25 lbs. \$13.00. 100 lbs. \$50.00.

Terrace Grass Mixture

A mixture of deep rooting grasses suited for terraces and embankments, that takes firm hold and withstands drought and exposure. 25 lbs. \$13.00. 100 lbs. \$50.00.

Fair Green Mixture

Composed of dwarf spreading grasses, forming a close, velvety surface that improves from year to year. 25 lbs. \$11.50. 100 lbs. \$45.00.

Putting Green Mixture

This mixture consists of most suitable grasses for insuring a close, dense turf, essential for putting greens. 25 lbs. \$20.25. 100 lbs. \$80.00.

Special Mixtures for Hay and Permanent Pasture

These mixtures include the most nutritive and productive grasses suitable for laying down light, medium and heavy soils to permanent grass. State nature of soil when ordering. 25 lbs. \$10.50. 100 lbs. \$40.00.



General List of Grasses

Prices Subject to Change

	Lb.	100 lbs.
BENT, CREEPING (South German Mixed). Used extensively for lawns and putting green mixtures.....	\$1.55	\$150.00
BENT, COLONIAL (<i>Agrostis tenuis</i>). This grass is identical with Rhode Island Bent and makes a fine turf for putting greens.....	1.15	110.00
BENT, SEASIDE (<i>Agrostis palustris</i>). Spreads rapidly, makes ideal putting green turf.....	1.15	110.00
BLUE GRASS, CANADA (<i>Poa compressa</i>). Excellent for poor, dry soil.....	.40	35.00
BLUE GRASS, KENTUCKY (<i>Poa pratensis</i>). One of the most valuable of our grasses.....	.45	40.00
CRESTED DOGSTAIL (<i>Cynosurus cristatus</i>). Should enter in moderate quantity in pasture and lawn mixtures.....	.55	50.00
FESCUE, CHEWING'S NEW ZEALAND (<i>Festuca Chewings</i>). Recognized as one of the leading grasses for putting greens and fairways. Makes a fine, compact turf of a dark green color.....	.70	65.00
FESCUE, RED or CREEPING (<i>Festuca rubra</i>). Forms a dense turf and adapted for dry soils. Valuable for golf courses.....	.70	65.00
FESCUE, FINE-LEAVED SHEEP (<i>Festuca ovina tenuifolia</i>). A fine-leaved variety, valuable for putting greens.....	1.15	110.00
FESCUE, HARD (<i>Festuca duriuscula</i>). A dwarf growing hardy grass of great value.....	.55	50.00
FESCUE, MEADOW (<i>Festuca pratensis</i>). Valuable for permanent pastures.....	.30	25.00
FESCUE, SHEEP'S (<i>Festuca ovina</i>). Thrives on dry uplands and on poor shallow soils.....	.55	50.00
ORCHARD GRASS (<i>Dactylis glomerata</i>). Valuable for sowing in shaded locations and among fruit trees in orchards.....	.40	35.00
RED TOP FANCY RE-CLEANED (<i>Agrostis alba</i>). Excellent for lawns and permanent pastures. Stands the heat admirably.....	.40	35.00
ROUGH-STALKED MEADOW (<i>Poa trivialis</i>). A spreading, thickly matting, stoloniferous-rooted species; leaf blades narrow, flat, and dark green in color. Forms a fine turf and adapted for shady situation on fairways under trees.....	.65	60.00
RYE GRASS, PACEY'S PERENNIAL (<i>Lolium perenne Pacey's</i>). This variety used in a mixture is an excellent "nurse" grass where a quick turf is desired. It produces a verdant growth four or five weeks after sowing. The leaves are narrow, flat and smooth.....	.30	25.00
RYE GRASS ITALIAN (<i>Lolium italicum</i>). An annual for hay mixtures, or for the Southern lawn in Fall.....	.25	20.00
TIMOTHY (<i>Phleum pratense</i>). The standard grass for hay.....	.20	15.00
WOOD MEADOW GRASS (<i>Poa nemoralis</i>). Valuable for growing under trees and shaded situations.....	1.30	125.00

Clovers

Prices Subject to Change

Sow 30 to 40 lbs. to the acre

	Lb.	100 Lbs.
ALFALFA, or LUCERNE (<i>Medicago sativa</i>). Valuable as a forage crop, produces enormous crops (Northern grown).....	\$0.55	\$50.00
ALFALFA GRIMM. Hardier and more pro- ductive than the ordinary Alfalfa. Thrives well on hard pan soils, and is better suited to wet soils than other kinds.....	.65	60.00
ALSIKE CLOVER (<i>Trifolium hybridum</i>). Very hardy, resists cold and wet.....	.50	45.00
CRIMSON or SCARLET CLOVER (<i>Trifolium incarnatum</i>). An annual variety of rapid growth valuable as a cover crop or for green manuring. Sow 20 lbs. to the acre.....	.25	20.00
MEDIUM RED CLOVER (<i>Trifolium pratense</i>). The common red Clover and the most valuable.	.55	50.00
MAMMOTH RED CLOVER or PEA VINE. Grows taller and lasts longer than the Medium Red.....	.60	55.00
WHITE CLOVER (<i>Trifolium repens</i>). The best variety for lawn mixtures.....	.60	55.00
SWEET CLOVER, BOKHARA (<i>Melilotus alba</i>). Used on poor, light soils when other Clovers do not take well.....	.30	25.00

Farm and Field Seeds

Prices Subject to Change

		Bus.
BARLEY, Beardless (<i>Sow 2 bushels to the acre</i>).....	\$3.50	
BEANS, Soja Mammoth Yellow (<i>Sow ¾ bushel to the acre</i>).....		5.00
BUCKWHEAT, Japanese (<i>Sow 1 bushel to the acre</i>)...		3.00
FIELD CORN, Golden Nugget. The best Flint Corn.		4.00
Improved Leaming. The most popular Dent Corn..		3.50
(<i>8 quarts Field Corn will sow 1 acre in hills.</i> <i>3 bushels will sow 1 acre broadcast.</i>)		
FODDER CORN, Southern Horsetooth. Valuable for ensilage.....		4.00
Sweet Fodder. For feeding green.....		6.00
	Lb.	100 lbs.
MILLET, Hungarian. A favorite Summer forage crop.....	\$0.15	\$12.00
Golden. A heavier cropper than the Hungarian	.15	12.00
Japanese. Grows tall, a quick growing variety	.15	12.00
(<i>50 lbs. Millet will sow 1 acre</i>).		
		Bus.
OATS, Storm King. The kernels are large and plump; a heavy yielder.....	\$2.50	
(<i>2 to 3 bushels will sow 1 acre</i>).		
PEAS, Canada Field. Valuable for cattle feeding and ensilage.....		5.00
Whippoorwill Cow. A popular early maturing variety.....		6.00
(<i>2 bushels will sow 1 acre</i>).		
	Lb.	100 lbs.
RAPE, Dwarf Essex. Fine for sheep pasture..	\$0.20	\$15.00
(<i>10 lbs. will sow 1 acre broadcast</i>).		
		Bus.
RYE, Spring. An excellent catch crop.....	\$3.00	
Winter. Sow in August and September.....	3.25	
(<i>2 bushels will sow 1 acre</i>).		
	Lb.	100 lbs.
VETCH, Spring. Valuable for green manuring.	\$0.15	\$12.00
Winter. Excellent for feeding green.....	.25	20.00
(<i>2 bushels will sow 1 acre</i>).		
		Bus.
WHEAT, Spring Marquis (Beardless). The standard sort.....	\$3.50	
Winter Red Wave (Beardless). The most produc- tive.....		Market price
(<i>1½ bushels will sow 1 acre</i>).		



MISCELLANEOUS BULBS and ROOTS

Achimenes

Profuse blooming tender perennials for greenhouse and conservatory decoration. Doz. 100

- Achievement.** A new variety; the color is a beautiful clear pink. \$5.50 \$40.00
- Orchidea.** Cattleya pink, very fine. 3.00 20.00
- Dainty Queen.** White with pink eye. 3.00 20.00
- Magnifica.** Beautiful deep blue. 3.00 20.00
- Marguerita.** Large pure white flowers. 3.00 20.00
- Purity.** White, dwarf grower. 3.00 20.00
- Purple King.** Fine rich purple. 3.00 20.00
- Supreme.** Purple with light center. 3.00 20.00
- Swansoni.** Mauve, mottled blue. 3.00 20.00

Amaryllis

Doz. 100

- Giant Hybrids.** The bulbs we offer are from the largest exhibition strains in a wide range of colors.
- Choice Mixture. Each \$0.75, \$8.00 \$60.00
- Belladonna.** The old-fashioned pink Amaryllis. 4.00 30.00
- Halli** (*Lycoris squamigera*). Lilylike pink flowers, shaded with blue. Each \$1.50, 15.00

Begonias, Tuberous-rooted

GIANT SINGLE FLOWERING Doz. 100

- Crimson, Pink, Orange, Salmon, Rose, Yellow, White.** \$3.50 \$25.00

GIANT DOUBLE FLOWERING

- Crimson, Pink, Salmon, Rose, Yellow, Scarlet, White.** 4.00 30.00

DOUBLE CAMELLIA-FLOWERED

- Crimson, Pink, Salmon, Rose, Yellow, Scarlet, White.** 4.00 30.00

DOUBLE FRILLED

- Crimson, Pink, Salmon, Rose, Yellow, Scarlet, White.** 4.00 30.00

CRESTED TUBEROUS-ROOTED BEGONIA

Crested on each petal. In the above colors. Solid cockscomb-like crested centers. Ruffled edges. The most unusual of all Begonias. \$4.00 per doz., \$30.00 per 100.

TRAILING TUBEROUS-ROOTED BEGONIAS

The Pendula or Lloyd type. This is an unsurpassed strain containing double flowers only. Often hundreds of blossoms to a bulb. Colors same as above. \$4.00 per doz., \$30.00 per 100.

Fancy-leaved Caladiums

Doz. 100

- Choice Named Varieties.** \$4.00 \$30.00

Cannas Dormant Roots

- Commander Byrd.** Creamy white flowers. 4 ft.
- Golden Eagle.** Golden yellow. 4 ft.
- Hungaria.** Beautiful clear rose. 3½ ft.
- King Humbert.** Orange scarlet, the most popular variety; bronze foliage. 5 ft.
- Rosea Gigantea.** Large, rich rose flowers. 4 ft.
- The Gem.** Deep cream, with carmine dots. 4½ ft.
- The President.** Immense glowing scarlet. 5 ft.
- Uhlberg.** Rosy carmine, with creamy yellow markings. 3½ ft.
- Wintzer's Colossal.** Brilliant scarlet. Orchid type flowers. 5 ft.
- Wyoming.** Immense spikes of orange flowers; bronze foliage. 6 ft.
- Yellow King Humbert.** Yellow, with red dots. 4½ ft.
- Any of the above, \$2.50 per doz., \$15.00 per 100



CANNAS —Continued

The two following varieties can be supplied in plants only:
Doz. 100

May Thilow. Rosy-salmon flower with attractive bronze foliage. 4 ft.....	\$2.50	\$20.00
Mrs. Pierre S. Du Pont. Watermelon pink; an outstanding variety. 4 ft.....	4.00	30.00

DAHLIAS

	<i>Tubers</i>	<i>Plants</i>
Achievement (Informal Dec.) Golden yellow and rose.....	\$0.50	....
Adirondack Sunset (Informal Dec.) Scarlet and yellow.....	2.00	\$1.00
Amelia Earhart (Semi-Cac.) Buff and salmon large and distinctive.....	2.00	1.00
America's Sweetheart (Informal Dec.) Large pure yellow.....	2.50	1.25
California Idol (Informal Dec.) Large handsome yellow.....	5.00	2.50
Cavalcade (Formal Dec.) Soft rosy magenta..	1.00	.50
Dahliadel Gold (Formal Dec.) Golden yellow and coral.....	1.50	.75
Dixie Ravenscroft (Semi-Cac.) Flame, reverse gold.....	1.00	.50
Dorothy Stone (Dec.) A huge rose pink exhibition variety.....	.50	....
Edna Ferber (Semi-Cac.) Coral and old rose..	.50	....
Fireball (Formal Dec.) Cardinal red.....	5.00	2.50
Forest Fire (Informal Dec.) Yellow-tipped scarlet.....	1.50	.75
Golden Standard (Cac.) Buff, shaded amber.	2.00	1.00
Hunt's Velvet Wonder (Informal Dec.) True purple.....	2.00	1.00
Jane Cowl (Dec.) A large flower of a warm buff and old gold, blending to a bright salmon at the center.....	.50	....
Jean Trimbee (HC.) The flowers of this beautiful variety are very large, many over 12 in. and a rich Petunia violet in color.....	1.00	.50
Jersey's Autumn Beauty (Formal Dec.) A sport from Jersey's Beacon; the color is a soft yellow orange.....	.50	....
Jersey's Beacon (Dec.) The color is Chinese scarlet with a paler reverse.....	.50	....
Jersey's Beauty (Informal Dec.) A perfect bloom of erosine pink.....	.50	....
Jersey's Majestic. Copper, suffused with a golden sheen; reverse petals amaranth pink....	.75	.50
Jersey's Melody (Semi-Cac.) Tyrian rose, shading to silver on the tips with a silver reverse.....	.75	.50
Jersey's Triumph (Dec.) Bright copper, flushed with salmon bronze.....	....	.50
Jersey's White Beauty (Formal Dec.) Pure waxy white and conceded to be the best cut flower since Jersey's Beauty.....	5.00	2.50
Jessica Dragonette (Semi-Cac.) Apricot mauve....	....	1.00
Kathleen Norris (Dec.) True rose pink.....	.50	....
Kay Francis (Semi-Cac.) Lemon yellow.....	1.50	.75
Lord of Autumn (Informal Dec.) Deep golden yellow, one of the largest and most beautiful..	2.50	1.25
Margaret Woodrow Wilson (Dec.) The flowers are large, of an opalescent pink, face of petals creamy white with a Phlox pink reverse.....	.50	....



DAHLIAS—Continued

	<i>Tubers</i>	<i>Plants</i>
May Robson (Semi-Cac.) Light rose pink.....	\$2.00	\$1.00
Milton J. Cross (Informal Dec.) Lemon-yellow and rose.....	5.00	2.50
Miss Belgium (Semi-Cac.) Bright orange.....	....	.50
Monmouth Champion (Dec.) A strong, vigor- ous grower, producing extra large blooms of a brilliant orange flame.....	.50	....
Mrs. George Le Boutillier (Informal Dec.) Beautiful cardinal red.....	2.00	1.00
Mrs. Herbert O'Connor (Informal Dec.) Rose pink.....	2.50	1.25
Mrs. I. de ver Warner (Dec.) Cattleya color, large and very fine.....	.50	....
Mona Gold (Informal Dec.) Old gold.....	1.50	.75
Murphy's Masterpiece (Informal Dec.) Large and finely shaped flower of the deepest crimson	2.00	1.00
Omar Khayyam (Formal Dec.) Light Oriental red and orange.....	.50	....
Paul Pfitzer (Semi-Cac.) Beautiful salmon pink.	1.00	.50
Phantom (Formal Dec.) Purple, tipped white.	1.00	.50
Rudolf's Giant (Informal Dec.) Apricot and pink.....	7.50	3.75
Sanhican's Cameo (Informal Dec.) Coral rose pink, a beautiful flower on long, straight stem.	1.00	.50
Satan (Semi-Cac.) Scarlet, with yellow on reverse of petals.....	1.00	.50
Shahrazad (Informal Dec.) Soft rose.....	.50	....
Sultan of Hillcrest (Formal Dec.) Yellow, with sunrise yellow reverse.....	1.00	.50
The Universe (Informal Dec.) Deep rosy- magenta.....	2.50	1.25
White Wonder (Informal Dec.) Pure white; large and well formed flowers.....	.75	.50

COLLARETTE DAHLIAS

They are similar to large, single Dahlias with a row of small petals around the central disc. Fine for decorative purposes.

	<i>Tubers</i>	<i>Plants</i>
Erica. Deep amaranth red.....	\$0.50	\$0.50
Fille. Bright yellow.....	....	.50
Frank Harris. Bright red with cream collar... ..	....	.50
Mitzi. Carmine, edged white.....	.50	.50
Sofa. Scarlet, yellow collar.....	.50	....

Miniature Dahlias

A dwarf type growing about 2 feet high, producing fully double flowers about 3 inches in diameter. They start to bloom early and are laden with flowers until frost. Good for mass planting as well as the open border.

	<i>Tubers</i>	<i>Plants</i>
Baby Royal. Flesh pink on yellow ground.....	\$0.50	\$0.50
Bishop of Llandaff. Rich red with dark foliage.	.50	.50
Coronne. Pure white.....	.75	.50
Garden Love. Yellow and pale red.....	.50	....
Irene. Old rose.....	.50	....
Onah. Amber shaded to orange.....	.50	....
Red Head. Scarlet orange.....	.50	.50
Sanhican's Sweetheart. Pale apricot.....	.75	.50
Tiny. Peach color.....	1.00	.50



DAHLIAS—Continued

Orchid-Flowering Dahlias

This fine race is certainly due great popularity for landscape effect, gardens, table arrangements, and dainty decorations. The bushes are compact, free branching, and exceedingly prolific bloomers. Most of them are 4 to 5 inches in diameter and 2 to 3 feet in height. They do wonderfully well when pinched or cut back for landscape effect, but should not be thinned out or disbudded. If Orchid-flowering or Single Dahlias are cut before the pollen shows, they will hold their petals and keep for days.

	<i>Tubers</i>
Beaver. Crimson, carmine and white.....	\$0.50
Buttercup. Clear yellow.....	.75
Citronella. Canary yellow, carmine reverse.....	.50
Everest. Pure white.....	.50
Goldfinch. Yellow, shaded red.....	.50
Hortense. Pure yellow.....	1.00
Mavis. Lilac.....	.50
Ruby. Tyrian rose.....	.50

Pompon Dahlias

Pompon Dahlias are very similar to the Show Dahlias, only smaller. They are of medium growth and well suited for the border.

	<i>Tubers</i>
Aimee. Yellow, shaded apricot.....	\$0.25
Atom. Fiery red.....	.35
Bob White. Milk white.....	.25
Darksome. Rich maroon.....	.25
Dot. Pale lilac.....	.25
Dottie Dimple. Yellow.....	1.00
Goldilocks. Gold, deepening at center.....	.35
Honey. Primrose yellow, red edge.....	.35
Jack. Purple garnet.....	.50
Johnny. Dark red or maroon.....	.35
Little David. Russet orange.....	.25
Little Edith. Yellow, tipped carmine.....	.25
Nerissa. Finest pink.....	.25
Rosea. Rosy lavender.....	.25
Yellow Gem. Canary yellow.....	.25

Single Dahlias

These have become very popular for cutting purposes. We list a few of the best varieties.

	<i>Tubers</i>
Autumn Century. Red and yellow.....	\$0.25
Bell of Meriver. Orange and red.....	.50
Garnet Poinsettia. Garnet.....	.25
Fugi San. Orange with dark eye.....	.50
James Weller. Yellow and rosy red.....	.35
Newport Wonder. Rose pink and gold.....	.50
Purity. White.....	.35
Scarlet Century. Glowing scarlet.....	.35
Yellow Treasure. Bright lemon yellow.....	.50

Dielytra or Dicentra

Spectabilis (Bleedingheart). An old-fashioned favorite, its long racemes of graceful heart-shaped pink flowers are always attractive. . . . \$6.50 Doz. 100 \$50.00



GLADIOLUS

On this and following pages are listed all the latest novelties and the best of the older kinds in the large-flowering classes while the distinct and beautiful Primulinus types are also well represented. We offer selected bulbs only.

New Varieties of Merit

	Doz.	100
Champlain. Pale violet blue, a first-class variety.	\$2.10	\$14.00
Early Peach. Peach-red blending to ivory in the throat of upper petals. Lower petals blotched a warm buff.	1.25	9.00
Heritage. Large, clear pink. The spike is extra long, with 10 to 12 immense flowers of splendid form.	2.20	15.00
Lucifer. Bright orange with amaranth crimson blotch, 9 to 11 large flowers of fine form and substance, well placed on tall spike.	1.75	12.00
Max Reger. Light lavender blue with darker throat markings; one of the best of its color class	2.20	15.00
Paradise. Clear light apricot buff, tall, straight spike.	1.25	9.00
Smiling Maestro. Rich orange-salmon of unusual beauty and one of the foremost of the new introductions.	2.20	15.00
Sonatine. Clear rose-pink, the florets are exceptionally large, having very broad petals.	2.20	15.00
Yellow Emperor. A beautiful, rich soft yellow. Florets of good size and well placed; one of the best yellows.	2.50	18.00

Choice Standard Varieties

	Doz.	100
Aida. Striking dark blue, with two small lilac blotches in throat. Large flowers on strong, straight spike.	\$1.00	\$7.00
Albania. Pure, glistening white, flower wide open, 4 in. and over in diameter.	.60	4.00
Albatross. Unquestionably one of the best and largest white Gladiolus; the flowers are absolutely without blotches or throat markings.	1.00	7.00
America. Soft lavender-pink.	.60	4.00
Ave Maria. Has 7 or 8 large, light blue flowers, with small purple blotches open at one time. Well placed on strong spike.	1.00	7.00
Betty Nuthall. Fine, tall and straight grower, having beautiful salmon pink flowers with yellow throat, beautifully placed.	.75	5.00
Berty Snow. The tall, straight spike and healthy growing habit of this variety with its very large florets of beautiful clear lavender, makes it one of the finest acquisitions to date.	.75	5.00
Blue Admiral. Tall, straight growing dark blue, slightly lighter than Pelegrina. Many florets open at one time.	2.20	15.00
Blue Danube. Pure amethyst blue with splendid dark blotch; tall, well formed spike.	1.25	8.00
Blue Triumphator. Pale soft China blue, with silver gloss, lower petals with markings of bluish purple.	1.25	8.00



GLADIOLUS—Continued

	Doz.	100
Byron L. Smith. Lavender-pink, on white ground; very fine.....	\$0.75	\$5.00
Captain Boynton. White, well brushed with lavender, with maroon blotch on lower petals. Large blooms of good substance.....	.75	5.00
Catherine Coleman. Coral pink with throat markings of American Beauty tinge. A rare and exceedingly choice variety.....	1.00	6.00
Commander Koehl. Clear blood red. Excellent variety.....	1.00	7.00
Coronation. Light salmon, shading to cream; very choice variety.....	1.25	8.00
Coryphee. The purest pink imaginable; large, round, well formed florets, from 8 to 10 open at a time, on tall, strong stem.....	1.00	7.00
Crimson Glow. Rich crimson, large open flower.	.60	4.00
Damascus. Deep rose purple, overcast blue with red blotch.....	1.25	9.00
Dr. F. E. Bennett. Deep Peach red overlaid with flame scarlet, most fiery red imaginable. Flowers of the very largest size with many open at once. The most perfect red we have ever seen	.75	5.00
Duna. Buff-apricot with cream throat. Large wide open flowers.....	1.00	7.00
Edith Robson. Light salmon rose with reddish blotch; tall, strong grower with immense spike of bloom.....	1.25	8.00
Frilled Champion. Orange scarlet, with blooms 6-7 in. across, beautifully frilled; extra early..	2.10	14.00
Gate of Heaven. Large, very rich pure yellow..	1.75	12.00
Giant Nymph. Light rose pink with creamy yellow throat. Will grow 6 ft. high and produce blooms over 6 in. in diameter.....	.75	5.00
Gloriana. Fine, large salmon with yellow throat, no other markings; tall and beautiful.....	.75	5.00
Golden Dream. Clear, deep yellow recurved flowers; very distinct and attractive.....	.75	5.00
Gold Eagle. Rich yellow.....	.60	4.00
Golden Measure. Large, dark golden yellow...	.75	5.00
Halley. Beautiful, early-blooming variety with large flowers of a delicate salmon-pink.....	.60	4.00
Heavenly Blue. Delicate sky blue, flowers well placed on a very tall, straight spike.....	1.25	8.00
Joerg's White. Pure glistening white, one of the largest.....	1.00	7.00
Jonkheer Van Tets. Strong spike with eight or more immense pure white flowers open at one time; no markings.....	1.25	9.00
Kirchoff's Violet. Deep, rich velvety violet. Tall spike.....	1.00	7.00
Le Marechal Foch. Immense flowers of soft light pink, a most desirable early flowering variety..	.60	4.00
Libelle. Probably the finest light blue. Strong grower; very early.....	1.25	8.00
Los Angeles. Shrimp pink, tinted orange with orange tinted carmine throat. Very early.....	.60	4.00
Maid of Orleans. Milky white, with light cream blotch on lower petals; one of the finest whites.	1.25	9.00



GLADIOLUS—Continued

	Doz.	100
Mammoth White. It has a massive flower, frequently more than 6 inches in diameter and is of the purest white.	\$1.00	\$7.00
Marmorata. Lavender gray. . . . .	.75	5.00
Mary Pickford. An extraordinary flower and spike, of most delicate creamy white, throat soft sulphur yellow. . . . .	.75	5.00
Minuet. Self-colored lavender, very large flower of heavy substance.	1.00	6.00
Morocco. Deep maroon, considered the best in this color.	1.00	6.00
Mrs. Francis King. Brilliant flamingo pink, blazed with vermilion red. . . . .	.60	4.00
Mrs. Frank Pendleton. Bright rose-pink with velvety dark purple blotch. . . . .	.60	4.00
Mrs. E. J. Heaton. Deep salmon-pink with cream throat. Flowers well placed.	2.25	16.00
Mrs. F. C. Hornberger. The flowers are large, pure white, nicely ruffled and of remarkable texture.	1.00	6.00
Mrs. Leon Douglas. Ground color, Begonia rose striped with brilliant scarlet. Pale lemon lip, slightly speckled ruby. One of the largest, showiest and most vigorous varieties in existence. . . . .	.75	5.00
Mrs. Van Konynenburg. One of the finest blue varieties to date, beautifully formed flowers on a tall spike.	1.00	6.00
Mr. W. H. Phipps. Beautiful flesh pink with about 22 blooms to a spike and nearly all opening at the one time. . . . .	.75	5.00
Orange Princess. Large salmon orange, with small red blotch on lower petals slightly ruffled. Very fine.	2.10	14.00
Orange Queen. Orange-yellow, with small red stripe on lower petals. . . . .	.75	5.00
Paul Pfitzer. Brilliant velvety purple, large, massive flowers on strong stems.	1.00	6.00
Pelegrina. Deep violet blue, lower petals somewhat darker; the best in its color.	1.25	8.00
Picardy. Soft apricot pink, very large flowers on tall strong spikes. A grand exhibition variety. . . . .	.75	5.00
Pearl of California. Clear, soft La France pink, blending to rosy white center. Strong, upright grower, flowers of excellent quality measuring 5 in. in diameter on long spike	1.00	7.00
Pfitzer's Triumph. Orange salmon, blotched red on lower petals. A giant exhibition variety. . . . .	.75	5.00
Polar Ice. A pure white of good size and very early.	1.25	9.00
Primrose Princess. Considered the best yellow variety introduced and is sure to become popular	1.00	6.00
Rose Ash. Corinthian red, shading to ashes of roses on the outer edges. Lower petals light yellow, speckled with ruby. . . . .	.75	5.00
Rosa Bella. Rich pink with no markings; considered the very best clear pink.	1.00	7.00
Salbach's Orchid. Clear Orchid pink, extra fine.	1.25	8.00
Salbach's Pink. Glowing Geranium pink with soft carmine tongue, petals slightly recurved; large, wide open flowers, on tall, graceful spike.	1.00	7.00



GLADIOLUS—Continued

	Doz.	100
Schwaben. Clear yellow with crimson throat.	\$0.60	\$4.00
Seabrook White. New white exhibition variety, with slight purple markings in throat; large, wide open, slightly ruffled florets. A fine variety	5.00	45.00
Star of Bethlehem. Snow white with a tinge of cream on lower petals.	3.50	25.00
Tip Top. Brilliant scarlet, darker feathering in the throat. Giant flowers. Fine long spike.	3.50	25.00
Tobersun. Fine deep yellow.	1.00	7.00
Veilchenblau. Violet blue flowers of large size considered one of the best of the blue varieties.	1.00	7.00
Virginia. Beautiful soft Raspberry red, shading to Begonia rose in throat. Large, wide open flowers, well placed. A charming variety. Fine for early forcing. . . . .	.60	4.00
White Wonder. A magnificent pure white without any markings in the throat.	1.00	6.00

GLADIOLUS in mixture (large types). A very fine mixture of choice varieties. Doz. 60c., 100 \$4.00.

Primulinus Hybrids

Primulinus Hybrids are distinguished mainly for their fine and various shades of yellow, orange, and saffron tones. The flowers are borne on graceful stems and when cut are of splendid decorative value.

	Doz.	100
Aflame. An outstanding red "Primulinus," enormous flowers on tall spike.	\$0.75	\$5.00
Alice Tiplady. A beautiful orange saffron; one of the best. . . . .	.60	4.00
Annie Laurie. Delicate pink, overlaid with light rose pink, and with light heliotrope lines in throat. A variety of exceptional merit. . . . .	.60	4.00
Apricot Glow. Beautiful warm buff color, edged soft apricot. . . . .	.60	4.00
Copper Bronze. Deep salmon bronze, overlaid with a coppery shade. . . . .	.60	4.00
Dorothy Wheeler. Richest rose-pink, with lighter throat. . . . .	.75	5.00
Ethelyn. Beautiful shade of orange yellow, petals tipped with bronze. One of the best. . . . .	.75	5.00
Golden Frills. Deep rich yellow with red blotches on lower petals; beautifully ruffled. . . . .	.75	5.00
Joerg's Yellow Prim. A distinct pure yellow "Primulus" with just one faint crimson mid-rib on the lower petal. The flowers are large and wide open.	1.00	6.00
Lilac Wonder. This variety fills a demand for strong growing Lilac Primulinus. Its graceful form and pleasing color make it admired by all.	1.25	8.00
Maiden's Blush. Enchantress pink flowers on stiff, slender stems, extremely early. . . . .	.60	4.00
Mrs. Calvin Coolidge. Soft salmon rose pink, lower petals creamy yellow, bordered pink. . . . .	.75	5.00
Patricia Carter. Soft light shrimp pink; one of the best ever introduced.	1.00	6.00
Phantasy. The color is clear salmon-yellow, edged pink, with crimson-veined throat; extremely early.	1.00	6.00



GLADIOLUS—Continued

	Doz.	100
Rose Luisante. Beautiful light pink, lower petals a shade lighter.....	\$0.75	\$5.00
Rose Mist. Old rose, edged with pallid gray; large flowers on tall spike. An unusual color...	1.00	7.00
Salmon Beauty. Deep orange-salmon with a rich salmon yellow throat; a very large and showy flower.....	.75	5.00
Scarlet Bedder. Clear scarlet red, a magnificent variety and one of the best red Primulinus....	1.00	6.00
Shell Pink. Large flowers of beautiful shell pink. Tall and graceful spike.....	1.00	6.00
Souvenir. Pure canary yellow, large stalks and well placed flowers. The finest pure yellow "Primulinus".....	.60	4.00
The Orchid. A distinct variety with long, narrow petals, slightly notched and ruffled. The color is orchid over white, with rose-lilac feathering in throat.....	1.25	8.00
Topaz. With its beautiful salmon-pink and buff color, extreme earliness and high percentage of flowers, this elegant variety combines all that can be desired in any Gladiolus.....	.75	5.00
Wasaga. Clear buff, large flowers, perfectly placed, on tall spikes.....	1.00	7.00
White Butterfly. One of the finest and most popular white "Primulinus" grown. Strong grower, blooms of good substance, and very lasting.....	1.00	6.00

PRIMULINUS EXHIBITION HYBRIDS. A very select mixture comprising all of the choicest varieties. Highly recommended for forcing. Doz. 75c., 100 \$5.00.

Gloxinias

	Doz.	100
Scarlet, Purple, White, Rose, Spotted, Scarlet Bordered, Purple Bordered, Rose Bordered and Mixed.....	\$4.50	\$35.00

FLEXIBLE-LEAVED VARIETIES

	Doz.	100
Bavaria. Dark blue, white throat.....	\$5.50	\$40.00
Brown's Pink. Delicate pink.....	5.50	40.00
Brown's Red. Large bright crimson.....	5.50	40.00
Sky Blue. Fine blue.....	5.50	40.00
Wandsbek Blood. Fine ruby red.....	5.50	40.00

Hyacinthus candicans

A hardy, Summer-flowering Hyacinth, producing spikes 3 feet in height, of pure white, bell-shaped flowers.

	Doz.	100
Large Bulbs.....	\$1.50	\$10.00

Ismene calathina

(Peruvian Daffodil)

Clusters of large, fringed, pearly white flowers, resembling the Amaryllis family.

	Doz.	100
Large Bulbs.....	\$2.75	\$20.00



HARDY LILIES

(Prices subject to change) Doz. 100

Auratum (The Golden-rayed Lily of Japan). Pure white, thickly studded with crimson spots, and a clear, golden band through the center of each petal.		
Jumbo Bulbs, 11-13 in.....	\$7.00	\$50.00
Mammoth Bulbs, 9-11 in.....	4.50	35.00
Auratum platyphyllum. The largest flowered variety of Auratum; white, heavily spotted yellow.		
Jumbo Bulbs, 11-13 in.....	7.50	60.00
Speciosum album. Pure white (Japanese).		
Mammoth Bulbs, 9-11 in.....	7.00	50.00
Large Bulbs, 8-9 in.....	4.50	35.00
Large Bulbs, 8-9 in. (Dutch).....	6.00	45.00
Speciosum rubrum magnificum. The most popular variety grown. Rich carmine on white ground with crimson spots.		
Jumbo Bulbs, 11-13 in.....	7.00	50.00
Mammoth Bulbs, 9-11 in.....	4.50	35.00
Speciosum melpomene. Same habit as magnificum, but darker in color.		
Jumbo Bulbs, 11-13 in.....	7.00	50.00
Mammoth Bulbs, 9-11 in.....	4.50	35.00
Henryi (The Yellow Speciosum). Rich, golden yellow, lightly spotted with brown.		
Mammoth Bulbs.....	8.00	60.00
Regale. Flowers white, slightly suffused with pink, with a beautiful shade of canary yellow at the center.		
Large Bulbs.....	7.00	50.00
Jumbo Bulbs.....	10.00	75.00
Batemanniae. Reddish orange.....	5.50	40.00
Browni. Creamy white inside, purple outside..	10.00	75.00
Canadense. Bell-shaped blossoms, bright yellow with red stripes.....	2.00	15.00
Croceum (The Orange Lily). Bright orange...	5.50	40.00
Davuricum. Scarlet, dotted black.....	4.50	35.00
Elegans, Leonard Joerg. Rich, apricot-spotted.	2.75	20.00
Elegans, Alice Wilson. Lemon yellow.....	4.00	30.00
Hansoni. Reddish-orange flowers, 8 to 12 in a cluster.....	7.00	50.00
Krameri (japonicum). Large trumpet flowers of soft pink.....	4.50	35.00
Pardalinum (Leopard Lily). Scarlet and yellow, spotted rich brown.....	4.00	30.00
Sulphureum. Sulphur yellow, outside streaked claret red.....	20.00	150.00
Superbum. Bright orange, tipped red, spotted flowers.....	4.50	35.00
Testaceum. Nankeen yellow (Fall delivery)....	16.00	125.00
Tenuifolium. Brilliant scarlet.....	2.00	15.00
Tigrinum splendens. Orange, spotted black..	3.00	22.00
Umbellatum grandiflorum. Orange-red....	3.00	22.00
Umbellatum. Golden Fleece, yellow edged red.	15.00	110.00
Wilmottiae. Orange red.....	10.00	75.00

COLD STORAGE LILIES

For Delivery During the Summer

Speciosum rubrum magnificum. The most popular variety grown. Rich carmine on white ground with crimson spots.	
Jumbo Bulbs, 11-13 in. Case of 50, \$25.00; case of 100, \$55.00	
Speciosum album. 8-9 in. (Dutch). Case of 50, \$25.00.	
Tigrinum splendens. Orange, spotted black. Case of 100 \$25.00.	



Lily-of-the-Valley Pips

(Cold Storage)

(Will bloom in 21 days after planting)

We make a specialty of Lily-of-the-valley; the grade we handle is the very best that can be procured and we are constantly receiving testimonials as to its superior quality. Place your orders now for present and future deliveries.

Selected Pips.....Case of 250, \$18.00

Lily-of-the-Valley Clumps

The stock we offer are strong clumps, especially suited for outdoor planting. Doz. \$5.00, 100 \$40.00.

Montbretias

	Doz.	100
Apricot Queen. Golden yellow apricot.....	\$2.75	\$20.00
Citronella. Rich canary yellow, star-shaped flowers.....	3.50	24.00
Comet. Deep golden orange with broad band of blood crimson.....	2.75	20.00
Fiery Cross. Fiery orange with crimson blotch.	4.00	30.00
Fire King. Bright scarlet-red.....	.75	5.00
Geo. Davison. Pure golden yellow, a very popular variety.....	1.00	7.00
Golden West. Dark yellow.....	1.00	7.00
Grenadier. Orange scarlet with crimson flush and golden sheen.....	5.00	38.00
His Majesty. Exceptionally large, clear yellow flowers shaded crimson scarlet. An outstanding variety.....	2.50	18.00
Indian Chief. Coppery orange center, suffused and blotched crimson.....	3.25	22.00
James Coey. Rich deep vermilion scarlet with golden orange luster, center yellow with crimson blotches.....	2.50	18.00
King Edmund. Fine orange-yellow.....	1.25	8.00
Lord Nelson. Deep orange scarlet, yellow eye, large flower, very beautiful.....	1.25	8.00
Queen Mary. Pale yellow petals with red tips on three of them. A beautiful flower.....	3.50	24.00
Star of the East. Pale orange with lemon yellow eye; large flowering variety; one of the best.	3.50	24.00
Una. A charming variety with flowers of a light orange with crimson reverse.....	2.25	16.00

Spireas

(Cold Storage)

(For Delivery During the Summer)

Deutschland. Pure white, long panicles. Case of 12 clumps, \$12.00.

Gloria Superba. Beautiful, dense, feathery plumes of brilliant, dark pink, shaded lilac. Case of 12 clumps, \$12.00.

Tigridia

(Tiger, or Shellflower)

Very showy, Summer flowering bulbs, about 2 feet in height. Attractive colors with tiger spotted throats.

Choice Hybrids Mixed.....Doz. 100 \$1.50 \$10.00

Tuberoses

	Doz.	100
Excelsior "Double Pearl." Pure white double flowering. Mammoth bulbs.....	\$1.75	\$12.00
Albino. Single white.....	1.50	10.00



Waterlilies

TROPICAL, OR DAY BLOOMING VARIETIES

(Delivery after June 1st in Strong Pot Plants)

	Each
Daubeniana. Small light blue.....	\$1.50
Mrs. C. W. Ward. Deep rosy pink.....	2.50
Mrs. Edwards Whitaker. Sky blue, one of the largest flowered varieties.....	2.50
Mrs. Geo. H. Pring. Immense snow white flowers freely borne throughout the entire Summer.....	2.50
Pennsylvania. Large rich blue.....	2.50
Zanzibariensis. Dark blue, very free flowering.....	1.50
Zanzibariensis azurea. Clear azure blue.....	1.50
Zanzibariensis rosea. Various shades of rose.....	1.50

(Varieties not listed can be supplied)

(Prices mailed on request)

TROPICAL NIGHT BLOOMING VARIETIES

	Each
Dentata. White, 8-12 inches across.....	\$1.50
Dentata Magnifica. Large creamy white.....	2.50
George Huster. Brilliant crimson.....	2.50
Kewensis. Light pink.....	2.50
Rubra rosea. One of the best rosy reds.....	1.50

(Varieties not listed can be supplied)

(Prices mailed on request)

Lotus or Nelumbiums

(Dormant Tubers from May 1st to June 1st)

	Each
Luteum (American Lotus). Yellow.....	\$2.50
Speciosum (Egyptian Lotus). Deep rose, creamy white at base of petals.....	2.50

We can also supply **Hardy Waterlilies.** Varieties and prices mailed on request.

Zephyranthes

(ZEPHYR FLOWER or FAIRY LILY)

Beautiful, dwarf, bulbous plant, very effective for massing in the border; also suitable for pot culture. Doz. 100

Alba. Fine pure white.....	\$1.75	\$12.00
Rosea. Beautiful clear rose.....	2.00	15.00

GREENHOUSE PLANTS

For Delivery during the Summer and Autumn

ANGELONIA salicariaefolia. A tender perennial which may be used as a pot plant, and it is a most desirable bedding plant, flowering all Summer. The flowers are purplish blue with white throat; grows about 12-15 in. high. 2¼ in. pots..... Doz. \$3.50, 100 \$25.00

BEGONIAS	100
Glory of Cincinnati, 2¼ in. and 3 in. pots.	\$50.00-\$60.00
Melior. 2¼ in. and 3 in. pots.....	50.00- 60.00
Lady Mac. Improved Melior, color deep rose.	50.00- 60.00
Marjorie Gibbs. Wonderful grower and keeper. Color lighter than Lady Mac. 2½-3 in. pots.....	50.00- 60.00
Turnford Hall (White Lorraine). 2¼-3 in. pots.....	50.00- 60.00



GREENHOUSE PLANTS—Continued

HYBRID BEGONIAS (Winter Flowering Type).

- Altrincham Pink.** Double rose-pink.
- Baardse's Wonder** Beautiful red. (Award of Merit, N. Y. Hort. Soc., Nov. 18, 1936.)
- Bowden Beauty.** Double deep pink
- Emily Clibran.** Double salmon.
- Optima.** Single orange-salmon.
- Pink Perfection.** Double light pink.
- 3-3½-in. pots, June delivery.....Each \$2.50
(Complete list will be mailed upon request)

BOUVARDIAS	Doz.	100
humboldti , 2¼-in. pots.....	\$4.00	\$30.00
Giant Pink, Flowers as large as Humboldti.	3.75	27.50
Joy. Improved white, 2¼ in. pots.....	5.00	37.50

BUDDLEIA asiatica , 3-in. pots.....	4.50	35.00
farquhari. 3 in. pots.....	4.50	35.00

CALCEOLARIA hybrida , 2¼-in. pots.....	4.00	30.00
lymani , cinnamon red, 2¼-in. pots.....	6.50	50.00
medfordi , velvety maroon, 2¼-in. pots.....	6.50	50.00
stewarti , chrome-yellow, 2¼-in. pots.....	6.50	50.00
Pink Beauty , 2¼ in. pots.....	6.50	50.00

CINERARIA hybrida , 2¼-in. pots.....	2.20	15.00
stellata , 2¼-in. pots.....	2.20	15.00

CYCLAMEN (Giant Flowering). Best strain.		
Pure White , 3-in. pots.....		35.00
White with Pink Eye , 3-in. pots.....		35.00
Pink , 3-in. pots.....		35.00
Glory of Wandsbek , 3-in. pots.....		35.00
Salmon , 3-in. pots.....		35.00
Red , 3-in. pots.....		35.00

DIPLACUS glutinosus. An excellent greenhouse plant producing an abundance of orange or pale buff flowers. 3 in. pots.....	4.00	30.00
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ERLANGEA tomentosa , 2¼-in. pots.....	4.00	30.00
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EUPHORBIA jacquinaeflora , 2½-in. pots.....		30.00
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FERNS:

Asparagus plumosus nanus , 2¼ in. pots...	1.75	12.00
Asparagus plumosus nanus , 3 in. pots.....	4.00	30.00
Asparagus sprengeri , 2¼ in. pots.....	1.75	12.00
Asparagus sprengeri , 3 in. pots.....	4.00	30.00
Adiantum cuneatum , 3 in. pots.....	5.50	40.00
Adiantum gloriosum , 3 in. pots.....	9.00	70.00
Adiantum gracillimum , 3 in. pots.....	5.50	40.00
Adiantum wrighti , 3 in. pots.....	7.50	60.00
Nephrolepis bostoniensis , 2¼ in. pots.....	....	15.00
Nephrolepis bostoniensis , 3 in. pots.....	4.50	35.00
Nephrolepis, Colorado , 3 in. pots.....	7.00	....
Nephrolepis scotti , 2¼ in. pots.....	....	15.00
Nephrolepis scotti , 3 in. pots.....	4.50	35.00
Nephrolepis, Teddy Jr. , 2¼ in. pots.....	....	15.00
Nephrolepis, Teddy Jr. , 3 in. pots.....	4.50	35.00
Nephrolepis trevillian. A compact form with fronds on wiry stems. 3-in. pots.....	7.50	....
Nephrolepis, Verona , 3 in. pots.....	7.00	....
Nephrolepis whitmani , 3 in. pots.....	7.00

SMALL FERNS in variety, for Fern dishes, 2½ in. pots.....	12.00
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GARDENIA veitchi , 2¼ in. pots.....	4.25	32.50
3 in. pots.....	7.00	50.00

GLORIOSA rothschildiana. Strong tubers. \$1.00 each		
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GERBERA jamesoni Hybrids. Clumps.....	12.00	90.00
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HYDRANGEAS. May-June delivery. 2¼ in. pots

NEW VARIETIES	Doz.	100
Altoona. Clear pink.....	\$5.50	\$40.00
Europa. Salmon pink.....	5.50	40.00
Hamburg. Carmine.....	5.50	40.00



GREENHOUSE PLANTS—Continued

HYDRANGEAS—Continued

NEW VARIETIES—Continued	Doz.	100
Kunert. Rose-pink.....	\$5.50	\$40.00
Merveille. Carmine pink; large flowers...	5.50	40.00
Munster. Deep carmine red, dwarf habit.	5.50	40.00
President Doumer. Brilliant pink.....	5.50	40.00
Rosabelle. Striking deep pink, large flowers.	5.50	40.00
Schadendorff's Perle. Large clear pink flowers.....	5.50	40.00
STANDARD VARIETIES		
Blauer Prinz. Large dark blue flower.....	2.50	20.00
Deutschland. Fine salmon pink. Large flowers.....	2.50	20.00
Gertrude Glahn. Deep rose pink; large heads.....	2.50	20.00
Goliath. Large deep rose; strong grower..	2.50	20.00
Marechal Foch. Deep carmine; very free flowering.....	2.50	20.00
Mme. E. Mouilliere. Pure white.....	2.50	20.00
Mrs. Baardse. Deep pink, shaded salmon.	2.50	20.00
Niedersachsen. Large pink flowers.....	2.50	20.00
Rene Gaillard. Huge pure white, frilled flowers.....	3.00	22.50
Souvenir de Mme. Chautard. Blue; early.	2.50	20.00
Trophee. Deep carmine rose.....	2.50	20.00
Wilkomen. Brilliant pink; early.....	3.50	25.00

KALANCHOE blossfeldiana. This succulent makes a splendid Winter-flowering pot plant. The small, star-shaped flowers are brilliant scarlet, produced in small clusters at top of growth, completely covering the plant. June delivery. 2¼ in. pots..... 3.50 25.00

MARGUERITES, White, 3-in. pots..... 3.50 25.00
Boston Yellow, 3-in. pots..... 3.50 25.00

MOSCHOSMA riparia. Perennial greenhouse plant, producing small, creamy white flowers on erect panicles from December to February. After blooming the plants should be cut back and the young shoots used for cuttings for next year's plants. Spring delivery. 2¼ in. pots..... 4.00 30.00
 3 in. pots..... 5.50 40.00

POINSETTIAS.
True Oakleaved Variety, 2¼ in. pots..... 25.00
Mrs. Paul Ecke, 2¼ in. pots..... 25.00
Henrietta Ecke (Double), 2¼ in. pots..... 25.00
Ruth Ecke (Denmark) (New). A great improvement on the Oakleaved variety, with larger, rounded petals and bright red color. 2¼ in. pots..... 30.00

PELARGONIUMS in 12 leading varieties, 2¼ in. pots..... 3.50 25.00

PLUMBAGO coccinea. Long spikes of satiny carmine flowers, freely produced from December to January. Fine for cutting. 3 in. pots 6.50 50.00

PRIMULA malacoides, in separate colors, 2¼-in. pots..... 2.20 15.00
malacoides erikssoni. Strong growing variety with large flowers and long stems. Lavender pink. 2¼ in. pots..... 2.20 15.00
obconica, in separate colors, 2¼-in. pots... 2.20 15.00
sinensis fimbriata, in separate colors, 2¼ in. pots..... 2.20 15.00

SAINTPAULIA.
Amethyst. Lavender blue, 3 in. pots..... 6.50 50.00
Blue Boy. Deep blue, 3 in. pots..... 6.50 50.00
Viking. Light blue, 3-in. pots..... 6.50 50.00

SWAINSONA galegifolia alba. 2¼ in. pots.. 2.20 15.00



TOOLS and REQUISITES

(Prices subject to change without notice)

	Each
APRONS, Gardeners' (Imported).....	\$4.50
ASPARAGUS KNIVES , American.....	.60
BASKETS: Vegetable. Oak splint bow handle.	
No. 1—18x10 $\frac{1}{2}$ x6.....	1.50
No. 2—20x11 $\frac{1}{2}$ x6 $\frac{1}{2}$	1.75
No. 3—22x13 $\frac{1}{2}$ x7.....	2.00
No. 4—24x14 $\frac{1}{2}$ x8.....	2.25
No. 5—26x16x9.....	2.75
BASKETS, Picking. $\frac{1}{2}$ bus. size, with drop handle....	1.25
Wire Hanging. 10 in.....	.40
12 in.....	.50
15 in.....	.65
18 in.....	1.00
BEAN POLES, Cedar , 8-9 ft..... 100,	\$30.00
BELLOWS, Powder , Large, single cone.....	5.50
Powder. Large, double cone.....	7.00
BLAKE'S LEVER CLIPS. For fastening Rose wire.....	Box of 500, \$1.75
BOXES, Folding. Made of strong cardboard.	100
21x7x3 $\frac{1}{2}$	\$9.00
24x8x5.....	14.00
28x8x5.....	16.00
36x8x5.....	20.00
Corrugated. Heavy and durable.	25 100
28x8x5.....	\$5.50 \$20.00
30x12x6.....	7.00 25.00
36x14x8.....	10.00 35.00
48x14x8.....	11.00 40.00
BROOMS, Birch. For lawns.....	Each \$0.75
BURLAP. 36 in. wide.....	Per yard .16
40 in. wide.....	Per yard .18
45 in. wide.....	Per yard .20
48 in. wide.....	Per yard .22
CANES, Bamboo. Green, thin. (Japanese)	1000
1 $\frac{1}{2}$ ft.....	\$2.25
2 ft.....	3.00
3 ft.....	4.00
4 ft.....	6.00
5 ft.....	8.00
6 ft.....	12.00
10 ft., natural color, $\frac{3}{8}$ - $\frac{1}{2}$ in.....	\$5.00
12 ft., natural color, $\frac{1}{2}$ - $\frac{5}{8}$ in.....	6.00
Chinese (Natural Color). Stronger and better in appearance than wooden stakes.	1000
3 ft. x $\frac{3}{8}$ in.....	\$1.50
4 ft. x $\frac{1}{4}$ in.....	2.00
4 ft. x $\frac{3}{8}$ in.....	2.50
4 ft. x $\frac{1}{2}$ - $\frac{5}{8}$ in.....	3.00
4 ft. x $\frac{5}{8}$ - $\frac{3}{4}$ in.....	4.00
5 ft. x $\frac{5}{8}$ - $\frac{3}{4}$ in.....	5.00
6 ft. x $\frac{5}{8}$ - $\frac{3}{4}$ in.....	6.00
7 ft. x $\frac{5}{8}$ - $\frac{3}{4}$ in.....	7.00
8 ft. x $\frac{5}{8}$ - $\frac{3}{4}$ in.....	8.00
9 ft. x $\frac{3}{4}$ - $\frac{7}{8}$ in.....	12.00
9 ft. x $\frac{7}{8}$ -1 in.....	14.00
(Chinese canes can be supplied dyed green at a small additional cost.)	1000
CARNATION STAPLES	\$0.60
CARNATION SUPPORTS, Model Extension. Doz.	100
2-ring.....	\$1.25 \$7.50
3-ring.....	1.35 8.50
CELERY BLEACHERS.	
7 in. x 14 in.....	\$3.50
Brass Handler for above.....	3.00
COTTON BATTING Doz. sheets	1.25



TOOLS and REQUISITES—Continued

DIBBLES. Iron point for transplanting.....	Each	\$0.75
FLOWER POTS, PANS, ETC. (Earthenware.) (Packing extra at cost)	100	1000
Flower Pots, 2½-in.	\$1.75	\$15.00
3-in.....	2.50	20.00
4-in.....	4.00	35.00
5-in.....	6.50	60.00
6-in.....	9.00	85.00
7-in.....	16.00	....
8-in.....	20.00	....
9-in.....	35.00	....
10-in.....	45.00	....
AERATED FLOWER POTS. Recommended for plants which require frequent watering and quick drainage.	100	100
4 in.....	\$4.50	5 in.....\$7.50
5½ in.....	8.50	6 in.....10.00
		Doz. 100
BULB PANS (Round). 6x3¾ in. deep.....	\$1.50	\$10.00
8x4¼ in. deep.....	3.00	22.00
10x4½ in. deep.....	6.00	45.00
12x4¾ in. deep.....	12.00	85.00
AZALEA POTS.		
6 in. wide x 4½ in. deep.....	1.50	10.00
7 in. wide x 5¼ in. deep.....	2.50	15.00
8 in. wide x 6 in. deep.....	3.00	22.00
10 in. wide x 8 in. deep.....	7.00	50.00
WATERPROOF PAPER POTS.	100	1000
3-in.....	\$0.80	\$7.00
3½-in.....	1.00	9.00
4-in.....	1.75	12.00
5-in.....	2.00	15.00
6-in.....	2.50	20.00
FIBER POTS. Used for seedlings.		100
No. 2 size—2¾ in. x 3 in. deep.....		\$3.50
No. 6 size—6¾ in. x 6¼ in. deep.....		7.50
FLATS, GREENHOUSE (Cedar) (Ready to assemble).		Doz.
18 in. x 12 in. x 3 in.....		\$3.00
20 in. x 14 in. x 3 in.....		3.25
20 in. x 14 in. x 4 in.....		3.50
FLOWER VASES. Made of heavy galvanized iron. Painted green.		
Width Depth	Each	Doz.
5½ in. 6 in.....	\$0.60	\$6.00
5½ in. 10½ in.....	1.00	10.00
6½ in. 12 in.....	1.25	13.00
7½ in. 15 in.....	1.35	14.00
9 in. 12½ in.....	1.40	15.00
9 in. 18 in.....	1.75	20.00
9 in. 24 in.....	2.50	25.00
FORKS.		Each
Digging, 4-prong, best quality, short handles.....		\$2.50
5-prong, best quality, short handles.....		3.25
Manure, 4-prong, best quality, short handles.....		2.50
5-prong, best quality, short handles.....		3.25
Hay, 2-prong, best quality, long handles.....		2.00
3-prong, best quality, long handles.....		2.25
GARDEN LINES. (Braided linen). 100 ft.....		2.50
200 ft.....		4.50
GARDEN REELS.....		3.00
GLOVES, Pruning, Oxford Tan.....	Pair	3.00
GRAFTING WAX.....	Lb.	.50
GRASS HOOKS or SICKLES. Best quality. English..		1.25
GRAPE BAGS, Paper (Metal Clasp). Per 100, 75c.; per 1000, \$6.00.		
HOES, Draw, Handled. Best quality, 5-in.....		1.00
6-in.....		1.10
7-in.....		1.25
8-in.....		1.50
HOES, Scuffle. Best quality (English). 5-in.....		1.10
6-in.....		1.20
7-in.....		1.30
8-in.....		1.50



TOOLS and REQUISITES—Continued

HANDLES. For scuffle hoes.....	Each	\$0.50
HOES, Warren. 7½ in.....	2.00	
HOSE MENDERS.	Doz.	
Cooper's Brass, ½ in.....	1.50	
¾ in.....	1.50	
Perfect Clinching, ¾ in.....	1.50	
HOSE COUPLINGS, Brass	Each	\$0.40
Rain King. Snaps on without turning.....	.60	
Jiffy. Put on a jiffy by screwing one shell into the other by means of a wrench; strong. No bands necessary; all sizes. Doz. sets (with wrench).....	7.00	
HOSE CONNECTION, "Siamese"	1.25	
HOSE NOZZLES. Graduating, for ¾ in. hose.....	.75	
Bordeaux, for spray pumps.....	1.25	
The Stott, for under spraying (Single).....	1.75	
HOSE, Rubber, "Muller-Sealey Co.'s Special."		
Durable and non-kinkable, in 25- and 50-ft. lengths.		
½ in.....	Ft. 20c.	.....
¾ in.....	Ft. 22c.	.....
KNIVES, Budding (English) (Brass cap).....	5.00	
Budding, two blades (American).....	2.00	
Pruning (English).....	3.50	
Edging (Handles extra).....	2.75	
LABELS.	1000	
Wooden. Painted, 4x5/8 in. wide.....	\$2.25	
5x5/8 in. wide.....	2.75	
6x5/8 in. wide.....	3.25	
8x7/8 in. wide (Garden).....	Per 250 \$2.25, 8.00	
10x7/8 in. wide (Garden).....	Per 100 \$1.25, 10.00	
12x1 1/8 in. wide (Garden).....	Per 100 \$1.50, 12.00	
Hanging. Copper wired, painted, 3 1/2 in.....	3.25	
"Simplex" Weatherproof. Copper wired, made of white celluloid, with transparent cover of genuine mica.	100	
No. 1—3x1 1/2 in.....	\$3.00	
No. 2—4x3/4 in.....	5.00	
No. 3—5x1 in.....	7.00	
"Simplex" Green Weatherproof. For rock gardens. Prices, in boxes of 100, including steel stylus for marking.		
No. 51—4x5/8 in.....	3.00	
No. 52—5x3/4 in.....	4.50	
No. 53—6x1 in.....	6.00	
"Simplex" Celluloid Pot.		
No. 21—4x5/8 in.....	2.00	
No. 22—5x3/4 in.....	3.00	
No. 23—6x1 in.....	4.50	
"Simplex" Garden No. 10, with iron stake 24 in. long and metal ticket holder. Doz. \$3.00, 100 \$25.00,		
Perfect Garden Label. Made with indestructible material. Gray green color, Duco like surface. Use ordinary lead pencil which will last for 3 or 4 years. Border size. 2 by 1 1/4 in. marking space. 3 1/2 in. shaft. Doz. \$1.00, 100 \$7.75. Rock Garden size. Shaft 2 3/4 in. Doz. 90c., 100 \$6.75.	Each	
LAWN CLEANER and RAKE (Pennsylvania). Removes from the lawn not only the cut grass but all sorts of litter, leaves, etc., leaving the grass standing upright. 24 in.....	\$35.00	
LAWN MOWERS (HAND)		
Pennsylvania Jr. High wheel (5 blades). The five revolving blades are driven by a triple set of gears and a 10 in. traction wheel from each side, which makes it capable of cutting grass 6 inches high. (Self sharpening).		
15 in.....	22.00	
17 in.....	24.00	
19 in.....	27.00	
21 in.....	30.00	



TOOLS and REQUISITES—Continued

Lawn Mowers—Continued

Great American High wheel (5 blades). Each Unsurpassed in quality, durability and the per- fection of its working parts.	
15 in.....	\$17.00
17 in.....	19.00
19 in.....	21.00
New Orchid (7 blades). For cutting lawns planted with Bent grasses; light running and built of the best material. 17 in.....	18.00
Pennsylvania Super Roller Mower. A roller-drive type for putting-greens, with 8 cutting blades. One size only, 18 in.....	50.00
Grass-Box, \$6.00 extra. Light Wheel Carriage to facilitate transportation from green to green, \$5.00 additional.	
Delta. 5 blades. 8-in. wheels. 13 in. \$10.00, 15 in. \$11.00, 17 in.....	12.00

All other makes of Hand Mowers can be supplied.
Also Power Mowers. Write for prices

LAWN SPRINKLERS.

	Each
Double Rotary. Will cover an area of 80 ft. with an equal distribution and may be regulated to cover smaller areas.....	\$12.50
California. The most popular Sprinkler. It has four brass arms and is mounted on a sled, so that it can be easily dragged over the lawn without turning off the water.....	2.00
Brass Ring Sprinkler. Cannot rust or get out of order. Will not injure the lawn. Requires only ordinary pressure of water.....	1.00
MATS, Hotbed	Doz.
Both sides burlap, 76x76.....	\$35.00
Both sides burlap, 40x76.....	20 00
One side waterproof, 76x76.....	52.00
One side waterproof, 40x76.....	32.00
MELON NETS	Doz. 3.50
MOLE TRAPS, The Reddick	Each 1.50
NAILS, English Wall (Chandler's Patent), 1½ in.. Box of 100.....	2.50
NETTING, Bird. For Strawberry beds, etc.; 20 or 30 ft. wide. Per lb. (1 lb. will cover 200 sq. ft.).....	3.00
PAPER, Wax Tissue, 24x36	Ream 3.50
Plain, Tissue, 24x36	Ream 2.50
Brown, Wrapping, 40x48	Lb. .16
Brown, Wrapping, on rolls, 24 in. wide	Lb. .16
Brown, Wrapping, on rolls, 36 in. wide	Lb. .16
PENCILS, Wolff's Indelible	Each .20
PLANT STAKES, Round, Green, Light	100
2 ft.....	\$3.25
3 ft.....	6 00
4 ft.....	9 00
5 ft.....	12.00
Round, Heavy	
4 ft.....	13.00
5 ft.....	15.00
6 ft.....	19.00
Square, Heavy	
4 ft.....	14.00
5 ft.....	16.00
6 ft.....	20.00
Wire Stakes for Roses	
3 ft.....	3.00
4 ft.....	4.00
5 ft.....	5.00
PRUNERS, Tree. (Water's)	
6 ft. pole.....	2.50
8 ft. pole.....	2.75
10 ft. pole.....	3.00
12 ft. pole.....	3.50
Little Giant. Has hook and saw combined, attaches to pole.....	3.50



TOOLS and REQUISITES—Continued Each

- PUMPS, Double Spray Barrel Pump.** It has a mechanical agitator, solid brass ram plunger, ground bevel valve and seat, and can be operated up to a pressure of 200 lbs. It is fitted with two discharge openings.
- | | |
|---|---------|
| Pump only. Weight, 73 lbs..... | \$23.00 |
| With one 10 ft. length Hose and Nozzle..... | 28.00 |
| With two 10 ft. lengths Hose and Nozzles..... | 33.00 |
| Barrel, add..... | 8.00 |
| 8 ft. Extension Pipe..... | 1.25 |
- RAFFIA.** Natural color.....Lb. \$0.40
Green.....Lb. 1.25
- RAKES, Steel.** 10 teeth..... 1.20
12 teeth..... 1.30
14 teeth..... 1.40
16 teeth..... 1.50
18 teeth..... 1.60
Hay, Wooden. 12 teeth..... 1.25
Lawn, Wooden. Aluminum bow, 22 teeth..... 1.35
Bamboo Lawn Rake. Made of split bamboo, wired top and bottom, light and durable. Has a 4-ft. adjustable wood handle. 24 in. \$1.00, 30 in..... 1.25
- SAWS, Pruning**
- | Single Edge | Each | Double Edge | |
|-------------|--------|-------------|------|
| 16-in..... | \$1.75 | 16-in..... | 2.00 |
| 18-in..... | 2.00 | 18-in..... | 2.25 |
| 20-in..... | 2.25 | 20-in..... | 2.50 |
- SCYTHES, Lawn.** English, best quality. 36 in..... 3.50
SCYTHE SNATHS or Handles..... 2.25
SCYTHE STONES. English round tapering..... .35
SCISSORS, Vine. English, 7-in..... 1.75
SHEARS, Hand Pruning, Wiss, 9 in. \$3.50, 10 in.... 4.00
Wheel Spring, imported, 8 in. \$3.50, 9 in..... 4.00
Perfection. Double cut (imported), 8½ in..... 4.50
Hedge. English. 9 in. \$4.00, 10 in..... 5.00
Lopping. American. 20 in. handle..... 3.50
Border. English, long handles. 9 in \$5.00, 10 in.... 6.00
Grass or Sheep. Best quality..... 1.50
SHOVELS. Best cast steel, square or round point.... 2.50
SIEVES, Wire. 18 in. diam.....\$2.50 and 3.00
SILKALINE, Meyer's Green. Box of 8 spools..... 3.50
SPADES. Best cast steel..... 2.50
SPRAYERS. Auto compressed air. Brass tank with Auto-Pop nozzle..... 9.50
"Paragon" No. 3. Capacity 12 gals. Equipment: 10 ft. Special Spray Hose, 7½ ft. Extension Pipe, 1 Mist Nozzle, 1 Steel Cap, 1 Straight Spray. Price with Truck.....20.00
"Paragon" No. 4. Capacity 28 gals. Equipment: 20 ft. Special Spray Hose, 10 ft. Extension Pipe, 1 Mist Spray Nozzle, 1 Extra Steel Cap, 1 Straight Spray. Price with Truck.....35.00
SYRINGES, Brass. No. 10. Length of barrel, 18 in. with two spray roses, stream and elbow joint. Extra heavy..... 7.50
No. 11. Length of barrel 18 in. with two spray roses and stream..... 6.00
STYPTIC, Thomson's. To prevent bleeding of vines. Bottle 1.00
SUMMER CLOUD. English greenhouse shading. 8-oz. pkg. 1.00
THERMOMETERS, Copper Case. 8 in..... 1.50
Japanned Case. 10 in..... 1.25
Self-Registering, Japanned Case. 8 in..... 6.50
10 in..... 7.00
Mushroom Bed. Best grade..... 3.00
TROWELS. Solid forged steel.
7-in.....\$0.85 8-in..... 1.00



TOOLS and REQUISITES—Continued

PLANT TUBS, Heavy Cedar. Regular Style. Made of white Cedar, painted green, and bound with heavy iron hoops. Drop handles and iron feet supplied with all sizes.

Size	Top Diam.	Bot. Diam.	Depth	Each
No. 0	24 ³ / ₄ in.	22 ³ / ₄ in.	24 in.....	\$12.50
No. 1	23 ³ / ₈ in.	20 ¹ / ₂ in.	22 in.....	11.50
No. 2	21 in.	18 ⁷ / ₈ in.	20 in.....	9.25
No. 3	18 ¹¹ / ₁₆ in.	16 ⁷ / ₈ in.	18 in.....	7.50
No. 4	16 ¹ / ₂ in.	14 ⁷ / ₁₆ in.	16 in.....	6.75
No. 5	14 ⁷ / ₁₆ in.	13 ¹ / ₈ in.	14 in.....	6.00
No. 6	12 ⁷ / ₁₆ in.	10 ⁷ / ₈ in.	12 in.....	5.00
No. 7	11 ³ / ₄ in.	9 ⁷ / ₈ in.	10 in.....	4.75
No. 8	10 ¹¹ / ₁₆ in.	9 ¹ / ₁₆ in.	9 ¹ / ₂ in.....	3.75

(Inside measurement)

PLANT TUBS, Richmond Style. Made from selected Virginia white cedar, bound with electric welded wire hoops (galvanized). Painted drop handles, if wanted, at 30c. per pair. Inside measurement.

Size	Top Diam.	Bot. Diam.	Depth	Each
No. 3	8 in.	6 in.	8 in.....	\$0.75
No. 4	9 in.	7 in.	9 in.....	.85
No. 5	10 in.	7 ¹ / ₂ in.	9 in.....	1.00
No. 6	11 in.	8 ¹ / ₂ in.	10 in.....	1.25
No. 7	12 in.	9 in.	11 in.....	1.60
No. 8	13 in.	10 in.	12 in.....	1.80
No. 9	14 in.	11 in.	13 in.....	2.00
No. 10	15 in.	11 ¹ / ₂ in.	14 in.....	2.25
No. 11	16 in.	12 ¹ / ₂ in.	15 in.....	2.50
No. 12	17 in.	13 ¹ / ₂ in.	16 in.....	3.00
No. 13	18 in.	14 ¹ / ₂ in.	17 in.....	3.25
No. 14	19 in.	15 ¹ / ₂ in.	18 in.....	4.00

- TWINE, Green Smilax.**.....Box of 8 balls 1.25
- Marline** (Tarred Twine).....Lb. .50
- Hemp.** All sizes.....Lb. 1.25
- Jute.** 3- and 4-ply, for trees.....¹/₂-lb. balls .25
- Binder.** 5 lb. ball..... 1.50

WATERING POTS:

- Philadelphia.** Long spouts, 2 copper-faced roses:
 6 qt.....\$6 00 8 qt..... 6.50
 10 qt..... 7.00
- French.** Oval, long spout, 2 roses, brass bow handle:
 6 qt.....\$7.00 8 qt..... 7.50
 10 qt..... 8.00
- Hawes Pattern:**
 4 qt.....\$7.50 8 qt..... 9.50
 6 qt..... 8.50 10 qt.....10.50

WHEELBARROWS, Garden. An unusually well made Barrow of the best material. Supplied in three sizes with 1³/₄ in. tire wood wheels.

- No. 3-B holds 4 cu. ft. Weight 50 pounds.....\$ 8.00
- No. 2-B holds 5 cu. ft. Weight 50 pounds..... 9.00
- No. 1-B holds 7 cu. ft. Weight 60 pounds..... 10.00
- For 2³/₄ in. tire wheel in place of 1³/₄ in. tire wheel, add 50c.

PLANET JR. TOOLS:

- No. 11, Double and Single Wheel Hoe Combined.** Equipment: 1 pair 6-in. hoes, 1 pair 4¹/₂-in. hoes, 4 steel cultivator teeth, 1 pair plows, two 3-tooth rakes, two 5-tooth rakes, 2 leaf lifters.....14.50
- No. 16, Single Wheel Hoe.** Equipment: 1 pair 6-in. hoes, 3 cultivator teeth, 1 large garden plow, one 7-in. rake, one 4-in. rake, 1 leaf guard..... 9.00
- No. 12, Double Wheel Hoe.** Equipment: 1 pair 6-in. hoes, 4 steel cultivator teeth, 1 pair plows, 2 leaf lifters.....11.50
- No. 4, Combined Seeder and Wheel Hoe.** Holds 2¹/₂ qts. Equipment: 1 pair 6-in. hoes, 3 cultivator teeth, 1 plow, 1 leaf guard, 1 marker.....19.00
- No. 25, Combined Hill and Drill Seeder, Double and Single Wheel Hoe and Cultivator and Plow.** Holds 2¹/₂ qts. Equipment: 1 pair 6-in. hoes, 4 cultivator teeth, 1 pair plows, 2 leaf guards, 1 marker.23.50

Complete Illustrated Catalog of Planet, Jr. Tools mailed on request



INSECTICIDES

(Prices subject to market changes)

- Ant Killer.** A very effective product for use on lawns, golf courses, etc. A small quantity will quickly kill an entire colony. 4½ oz. tins 50c.
- Aphine.** For the destruction of all soft bodied and plant sucking insects such as green, black and white fly, red spider, thrips, mealy bug, brown and white scale. Use 1 part to 40 parts water. Gal. \$3.00.
- Arsenate of Lead Powder.** Better than Paris Green. Can be used for wet spraying or dry dusting. For the destruction of caterpillars, codling moth, fruit fly, and all leaf-chewing insects. Dilute 1 lb. to 15 gals. of water. 4 lbs. \$1.20, 24 lbs. \$5.50, 100 lbs. \$20.00.
- Arsenate of Lead Paste.** 25 lbs. \$6.00, 100 lbs. \$15.00.
- Black Leaf 40.** An excellent spray for aphids and sucking insects of all kinds. Full directions on each container. 2 lbs. \$3.25, 5 lbs. \$5.85.
- Bordeaux Mixture, Powder.** For blight, mildew, rust, etc. It has all the advantages of paste with double the strength. Used for dry dusting or wet spraying. 4 lbs. \$1.00, 24 lbs. \$5.50, 100 lbs. \$18.00.
- Chinch-Tox (D. & P.)** A specific treatment for the eradication of Chinch Bugs on fine turf. Dusted at the rate of 8 lbs. per 1000 sq. ft., 300 lbs. per acre. 50-lb. drum \$15.00, 100-lb. drum \$26.00.
- Cut Worm Killer.** 5 lbs. \$2.00, 25 lbs. \$7.00.
- Cyanogas (Calcium Cyanide), "G" grade.** A modern fumigant for greenhouses. For aphids, thrips, white fly and soft scale; easily applied by scattering on walks of greenhouses. 5 lbs. \$3.50.
- Cyanogas, "A" grade.** For moles, ants, woodchucks, field mice, etc. 5 lbs. \$3.50.
- Copper Solution.** For rust on Carnations, etc. Gal. \$4.60.
- Evergreen.** (One pound will make 100 gallons spray). A powerful, non-poisonous insecticide that kills all plant insects, and will not injure the most tender foliage. Kills caterpillars, Mexican bean beetle, Japanese beetle, aphids, cut worms, thrips, white fly, and many others. Full instructions with each container. Gal. \$11.00.
- Fish Oil Soap.** For sucking insects on plants and trees. 5 lbs. \$1.50, 25 lbs. \$5.00.
- Fume-Tox (D. & P.)** A very popular, easy-to-use soil cleanser, fumigant and repellent. A dry powder that forms a non-poisonous gas that destroys Thrips on Gladiolus corms and insects in the soil in benches. 25-lb. cask \$8.00, 50-lb. cask \$14.00, 100-lb. cask \$24.00.
- Fungine.** For mildew and other fungous diseases. Gal. \$3.00.
- Fungtrogen.** For mildew, black spot, etc. on Roses and other plants. Gal. \$6.00.
- Grape and Rose Dust.** For mold, mildew or rust mites, either in the greenhouse or open air. 5 lbs. \$1.50, 25 lbs. \$6.50.
- Hellebore Powder.** For the destruction of slugs, worms, caterpillars, etc. Lb. 60c., 5 lbs. \$2.50.
- Lemon Oil.** For mealy bug, scale, thrips, red spider, etc. Gal. \$3.50.



INSECTICIDES—Continued

- Lime Sulphur Powder.** For dormant spraying of fruit and shade trees against San Jose and oyster shell scale. 25 lbs. \$5.50, 100 lbs. \$17.00.
- Lime Sulphur Solution.** 5 gals. \$4.00, 30 gals. \$12.00.
- Mexogen.** Kills and repels Mexican Bean beetle. Gal. \$6.00.
- Mologen.** Eliminates moles from lawns and gardens. Non-poisonous, and will in no way injure soil or grass. Odorless. 1½ lb. can, \$1.25; 5 lbs. can, \$4.00.
- Nico-Fume Liquid.** For spraying or fumigating. 4 lbs. \$5.75, 8 lbs. \$10.00.
- Nico-Fume Paper.** For fumigating. 144 sheets \$4.50, 288 sheets \$8.00.
- Nico-Fume Powder.** A specially prepared tobacco powder, which makes a simple and effective fumigator. 10 lb. tin, \$5.85.
- Pomo-Green with Nicotine.** A single material used as a dust or spray to control both insects and diseases on flowering plants and shrubs without being conspicuous on the foliage. 5 lb. can \$3.00.
- Pyrox.** Kills all leaf-eating insects and prevents blight and fungous troubles without injury to fruit or foliage. 25 lbs. \$6.00, 100 lbs. \$15.00.
- Pyrox with Nicotine.** A combination spray for fungous diseases and chewing insects. 25 lbs. \$7.00, 100 lbs. \$18.00.
- Red Arrow Insect Spray.** A Pyrethrum spray that does not burn or stain the foliage or flowers of the tenderest plants. Pt. \$2.70, qt. \$4.00, gal. \$12.00.
- Rotox (D. & P.)** A non-poisonous, insecticide-fungicide dust. A combined rotenone-sulphur dust that is a specific remedy for the control of bean beetle, thrips, corn ear worm, leaf hoppers, beetles and aphids. Especially valuable on vegetables and fruits. 25-lb. drum \$13.50, 50-lb. drum \$25.00; 100-lb. drum \$45.00.
- Scalecide.** For San Jose scale. 5 gals. \$6.00, 10 gals. \$10.00, 30 gals. \$22.00.
- Selocide.** Kills red spiders, also the eggs. One gallon mixed with water, makes 50 gallons of spray. Gal. \$3.50.
- Semesan.** A general disinfectant for vegetable and flower seeds or bulbs. Lb. \$2.50, 5 lbs. \$12.00.
- Slug Shot.** For currant worms, rose slugs, etc. 5 lbs. \$1.00, 25 lbs. \$4.00.
- Spra-Tox (D. & P.)** A safe, economical, and completely efficient spray for general purposes that destroys both the chewing and sucking insects. For under-glass and outdoor use. Non-poisonous. Dilutes 50 to 60 times. 1 gal. \$4.50, 5 gals. \$18.00, 10 gals. \$32.00, 30 gals. \$85.00, 50 gals. \$130.00.
- Sulphur,** for preventing *mildews* on Grapes, Roses, etc. 1 lb. 20c., 10 lbs. \$1.50.
- Sulphur, Wettable.** 4 lbs. 60c.
- Terogen.** Used for destroying the spores of fungous diseases in the soil. It also acts as a fertilizer and preventive against black spot, aphids and beetles. 5 lbs. \$2.75, 10 lbs. \$4.75, 25 lbs. \$11.00, 100 lbs. \$40.00.
- Tobacco Dust.** For dusting. 100 lbs. \$5.00.
- Tobacco Stems.** 100-lb. bale \$3.50.



INSECTICIDES—Continued

To-Na-Cide. For controlling insect pests that infest the soil. For the best results we have found the application at the rate of about 1 pound to 40 square feet of bench surface. It is essential that the material be thoroughly watered into the soil after application. 25 lbs. \$6.00, 50 lbs. \$10.00, 100 lbs. \$15.00.

Tri-Ogen. For mildew, black spot, canker, and rust on Roses, stem rot, Delphinium blight, and fungus on most other plants. Price:

- A. kit (makes 16 quarts).....\$1.50
- B. kit (makes 64 quarts)..... 4.00
- C. kit (makes 32 gallons)..... 6.00
- D. kit (makes 128 gallons).....20.00

Vermine. For all soil vermin. Gal. \$3.00.

Volck, Nursery. Effective against scale, mealy bug, red spider, aphides, thrips and flies. Gal. \$2.00, 5 gals. \$7.50.

Weed Killer (Herbicide). Destroys weeds in paths, roads and gutters and prevents their re-appearance for one year. 5 gals. \$6.00, 10 gals. \$10.00, 30 gals. \$24.00.

Wilson's O. K. Plant Spray. One of the leading insecticides for aphids, thrips, mealy bugs, scale and many other insects, 5 gals. \$12.00, 10 gals. \$22.00, 25 gals. \$50.00, 50 gals. \$90.00.

Worm Eradicator Powder (Mowrah Meal). For the destruction of worms in Lawns, Putting Greens, etc. 100 lbs. \$6.00, ton \$90.00.

X-L-All Insecticide. Kills mealy bug, red spider and all insect pests. Gal. \$9.50.

X-L-All Vaporizing Compound. The best and most effectual method for fumigating greenhouses for the destruction of green and black fly, thrip, mealy bug, etc.

- Bottle sufficient for 20,000 cubic feet.....\$5.00
- Bottle sufficient for 40,000 cubic feet..... 9.00
- Quart tin sufficient for 80,000 cubic feet.....16.00
- Fumigators for above—small size..... 1.50
- Fumigators for above—large size..... 2.00

“77” Dust (D. & P.) A soil and seed disinfectant, mixed with soil it affords complete sterilization, and thus eradicates the disease fungi that causes damping-off, root and stem rot. 25 lbs. \$7.75, 50 lbs. \$13.50, 100 lbs. \$26.00.

Duckham's Steriloam

Assures 100 per cent germination of fertile seeds. Simply put Steriloam in your flats, sow your seeds, and you will be amazed at the marvelous results attained in stronger seedlings. It is entirely free of weed seeds and prevents damping-off. 100-lb. bag \$6.00.

Legume Culture

The best inoculation for all legume seeds.

For Clovers, Alfalfa, etc., ½ bus. size 35c., 1 bus. size 65c., 2½ bus. size \$1.50.

For Cow Peas, Vetches, Beans, etc. 1 bus. size 35c., 2 bus. size 65c., 5 bus. size \$1.50.

Special garden size for Peas, Beans and Sweet Peas, 25c.

When ordering specify crop and amount of seed you wish to inoculate.

Hormodin-A

Extensive tests show that Hormodin-A speeds up root development on all cuttings. Easy to use. Saves time, space and labor. Assures success. Complete instructions in every package.

- 60 BTI units (sufficient for 450 to 1,800 cuttings)....\$2.00
- 240 BTI units (sufficient for 1800 to 7,200 cuttings).... 7.00
- 480 BTI units (sufficient for 3600 to 14,400 cuttings)....13.00
- 960 BTI units (sufficient for 7200 to 28,800 cuttings)....24.00



FERTILIZERS

(Prices subject to market changes)

- Acid Phosphate.** One of the best mediums for supplying the much needed phosphorus to the soil. 100 lbs. \$3.00, ton \$40.00.
- Adco.** Will convert lawn mowings, leaves, etc. into a complete organic fertilizer. 50 lbs. makes a ton of well rotted manure. 25 lbs. \$2.25, 150 lbs. \$10.50.
- Blood, Dried.** For top dressing, mixing with the soil and applying it in liquid form, it is one of the best and safest nitrogenous fertilizers. 100 lbs. \$6.50.
- Blood and Bone (Tankage).** For garden crops, fruit trees etc. 100 lbs. \$5.50.
- Boneflour.** Ground very fine; excellent for Roses, etc. 100 lbs. \$4.00, ton \$63.00.
- Bonemeal.** Regular grade, for general use. 100 lbs. \$4.25, ton \$65.00.
- Bone, Cracked (¼ in.)** For Grape vines, etc. 100 lbs. \$6.00.
- Bon Arbor No. 1.** An excellent food for all plants. 5 lbs. \$2.50, 50 lbs. \$18.00.
- Carnation Manure (Bentley's).** Affords a safe and absolutely reliable aid to the perfect growth of the plant and consequently promotes the highest possible development in form and color. It also keeps the soil sweet and is an infallible preventive of Carnation rust. 56 lb. bag \$7.50.
- Cattle Manure (Shredded).** 100 lbs. \$4.00, ton \$65.00.
- Chrysanthemum Manure (Smith's).** For Chrysanthemums, Roses, Carnations and other flowering plants in the field or under glass. 100 lbs. \$5.00.
- Chrysanthemum Manure (Bentley's Imported).** 56 lbs. \$7.50.
- Clay's Fertilizer.** Highly recommended by leading horticulturists in the cultivation of flowers, fruits and vegetables for exhibition, etc. 56 lbs. \$7.00, 112 lbs. \$13.00.
- Corn Fertilizer.** Nitrogen, 3 per cent; available phosphoric acid, 12 per cent; potash, 6 per cent. 100 lbs. \$3.50, ton \$55.00.
- Dahlia Food (MacIntyre Formula).** The finest food for Dahlias, as proven by years of testing. Adds stalkiness and stiffness to the stems, brings out the brilliant coloring of the blooms and foliage and develops strong, healthy tubers. 100 lbs. \$8.00.
- Driconure.** A combination of about 35 per cent peat moss with 65 per cent cow manure, weedless, odorless, and easy to handle. Equally good as a lawn dressing, a garden fertilizer, or as a mulch. Price per bag of 50 lbs. \$3.00, per ton (40 bags) \$85.00.
- Garden Fertilizer.** Nitrogen 4%, available phosphoric acid 8%, Potash 4%. Specially formulated to stimulate deep root growth of flowers and vegetables. 100 lbs. \$3.50, ton \$55.00.
- Humus (Hyper).** Valuable for all garden purposes, including lawn and greenhouse plants. 100 lbs. \$2.50, ton \$30.00.
- Lawns, Trees and Shrubs Fertilizer.** Nitrogen 7%, available Phosphoric Acid 7%, Potash 5%. A blending of Nitrogen plant foods, balanced with the right amounts of Phosphorus and Potash to insure healthy, vigorous growth. 100 lbs. \$5.00, ton \$80.00.



FERTILIZERS—Continued

Lime, Agricultural. For sweetening sour lands. 80 lbs \$1.25, ton \$25.00.

Muriate of Potash. The essential element for the proper development of all root crops. 100 lbs. \$5.50.

Nitrate of Soda. Hastens maturity of crops. 100 lbs. \$5.00.

Potato Fertilizer. Nitrogen 4 per cent; available phosphoric acid, 8 per cent; potash, 7 per cent. 100 lbs. \$3.50, ton \$55.00.

Rhodono. The original tonic for Rhododendrons, Azaleas Kalmias, and all plants of this family. 100 lbs. \$5.00.

Rose Food. Specially prepared for Roses. 100 lbs. \$8.00.

Salt, Agricultural. For top dressing Asparagus beds, etc. 100 lbs. \$2.50.

Sheep Manure (Pulverized). Nutritious and quick acting. 100 lbs. \$4.00, ton \$60.00.

Scotch Soot. For stimulating growth and giving a rich, dark foliage; also an excellent remedy against slugs, grubs and cutworms. 100 lbs. \$6.00.

Sulphate of Alumina. Used for Rhododendrons, Azaleas, Laurel and other shrubs that require an acid soil. 100 lbs. \$6.00.

Sulphate of Ammonia. Contains 20.05% nitrogen; excellent for improving lawns and putting greens. Use 1 lb. to 50 sq. ft. 100 lbs. \$5.50.

Sweet Pea Manure (Bentley's Imported). 56 lbs. \$7.00.

Vine Manure (Bentley's Imported). Excellent for vine borders and pot plants. 56 lbs. \$7.00, 112 lbs. \$13.50.

Vigoro. A scientifically balanced food ration furnishing all plant life with proper nourishment for maximum growth and beauty. It is clean, odorless, free from weed seeds and easy to apply. 100 lbs. \$5.00.

Wood Ashes. 100 lbs. \$3.50, ton \$55.00.

“Namsco” Scotch Horticultural Peat

This is finest *upland peat* imported from Scotland. Dark color—ideal for building lawns. *Has food value.* Especially suitable for plantings of Azaleas and Rhododendrons, etc. This peat is recommended and used by leading commercial horticulturists.

1 to 5 sacks...\$1.75 each	11 to 24 sacks...\$1.50 each
6 to 10 sacks... 1.60 each	25 to 50 sacks... 1.40 each

(Approximate weight, per sack...56 lbs.)

Granulated Peat Moss

Excellent for mulching Rose beds, perennials, evergreens and Rhododendrons, and for mixing with soil for pot plants. One bale will cover 240 square feet 1 inch deep. Bale \$4.00.

Potting Materials

Charcoal (Fine). 50 lb. bag \$3.00.

Charcoal (Lump). 30 lb. bag \$2.00.

Leaf Mold. 100 lbs. \$4.00.

Moss, Live Green Sphagnum. Bag \$3.50.

Moss (Dry). 5-bbl. bale \$4.50.

Moss, Green, in sheets. Bag \$4.50.

Peat, Fibrous, for Orchids, etc. Bag \$3.50.

Peat, Jersey. For mixing with soil. Sack \$2.25, ton \$40.00

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